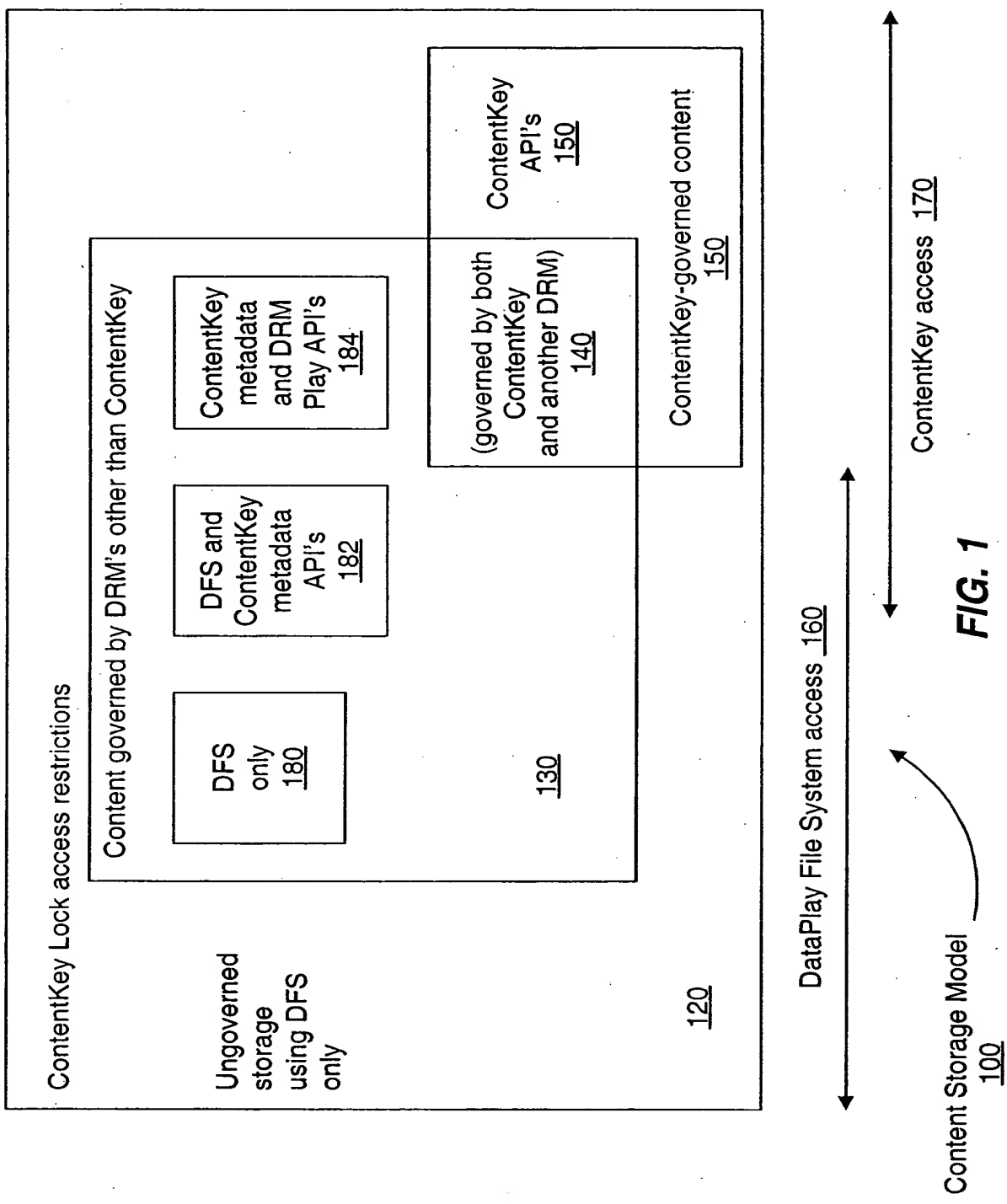

ContentKey Lock access restrictions
Content governed by DRM's other than ContentKey
DFS only 180
DFS and ContentKey metadata API's 182
ContentKey metadata and DRM Play API's 184
130
(governed by both ContentKey and another DRM) 140
ContentKey API's 150
ContentKey-governed content 150
Ungoverned storage using DFS only
120
DataPlay File System access 160
ContentKey access 170
Content Storage Model 100

FIG. 1

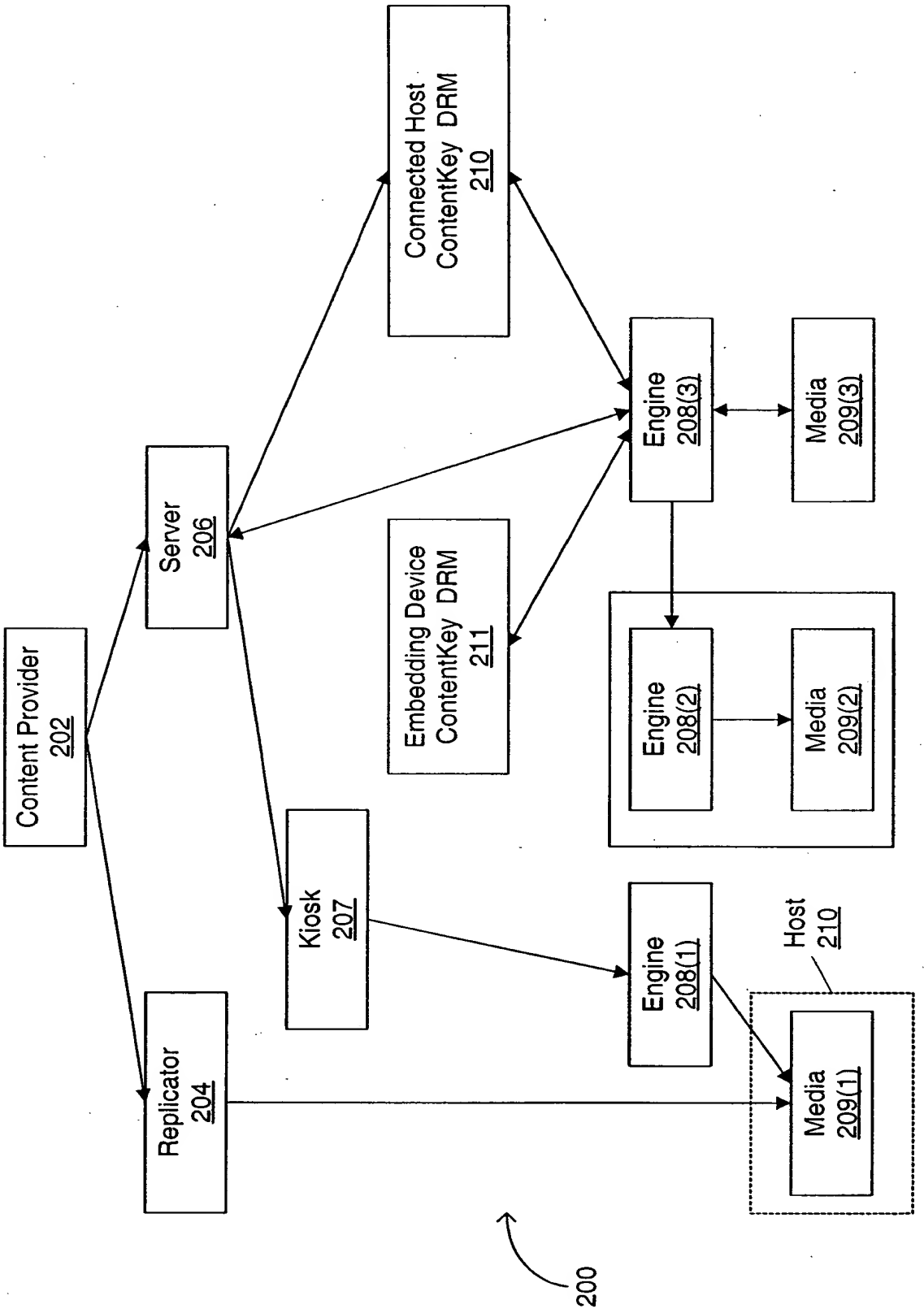

Content Provider 202
Server 206
Connected Host ContentKey DRM 210
Embedding Device ContentKey DRM 211
Engine 208(3)
Media 209(3)
Engine 208(2)
Media 209(2)
Kiosk 207
Replicator 204
Engine 208(1)
Host 210
Media 209(1)
200

FIG. 2

09838601.080704

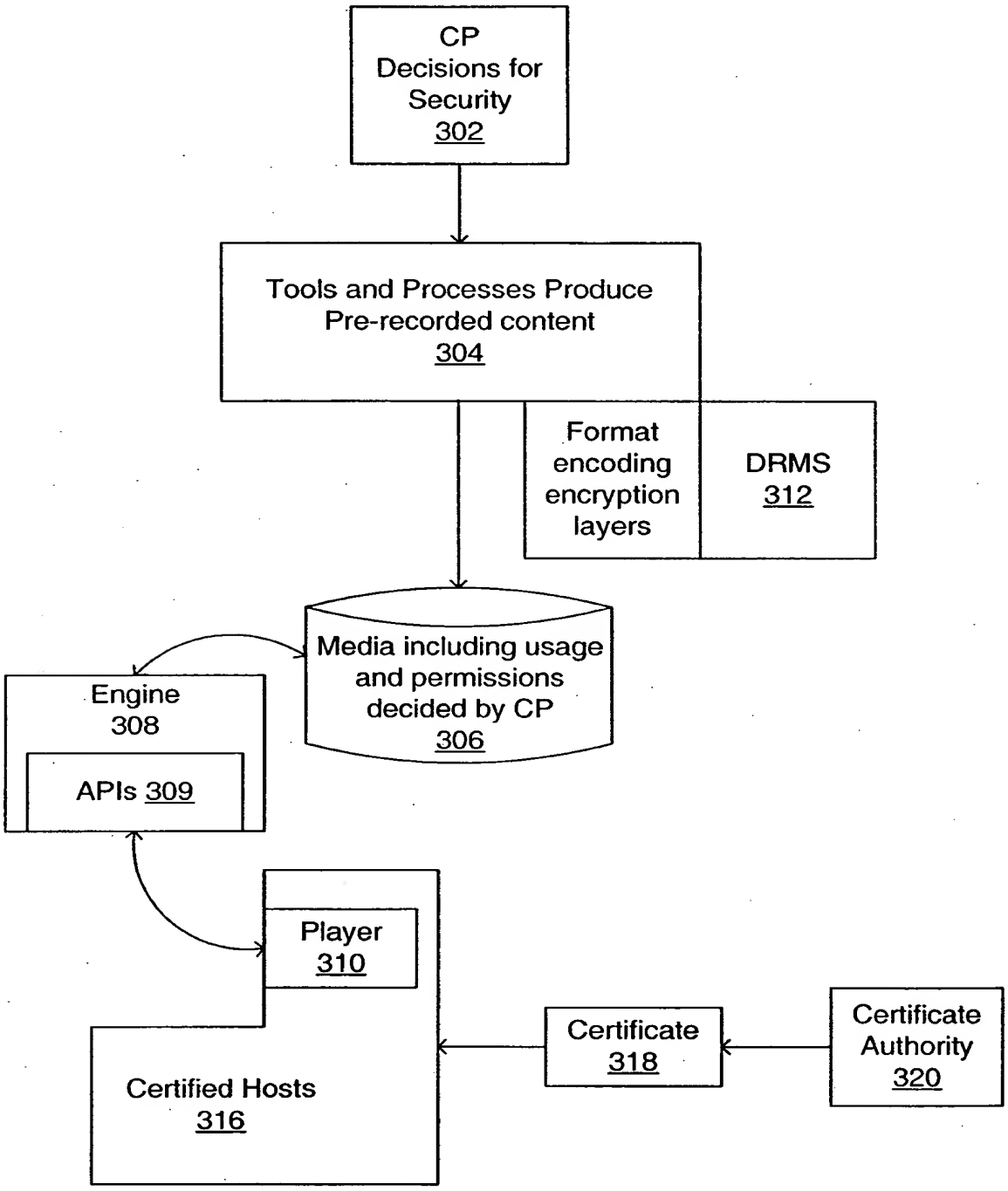


FIG. 3

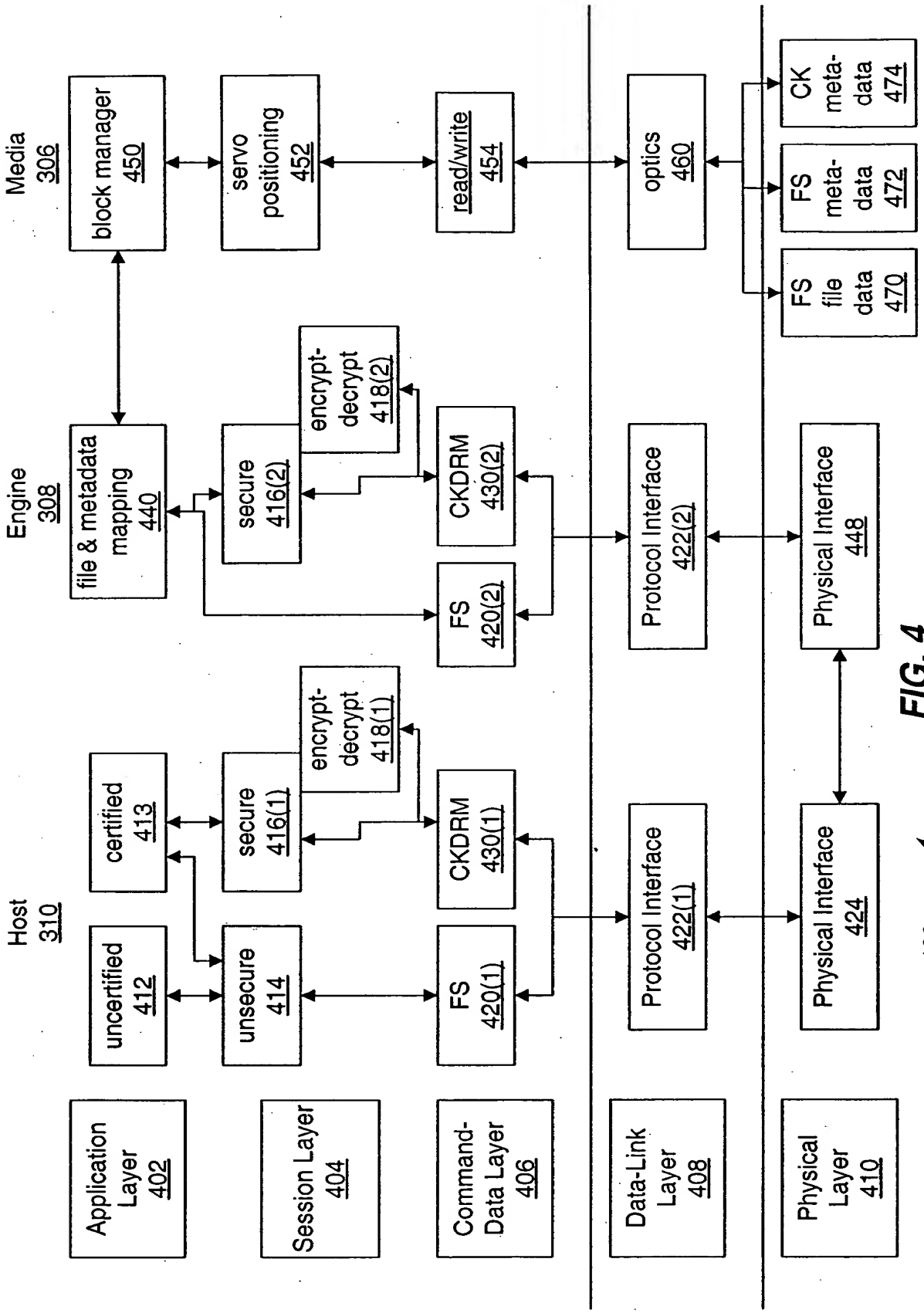

Application Layer 402
Session Layer 404
Command-Data Layer 406
Data-Link Layer 408
Physical Layer 410
Host 310
uncertified 412
certified 413
unsecure 414
secure 416(1)
encrypt-decrypt 418(1)
FS 420(1)
CKDRM 430(1)
Protocol Interface 422(1)
Physical Interface 424
Engine 308
file & metadata mapping 440
secure 416(2)
encrypt-decrypt 418(2)
FS 420(2)
CKDRM 430(2)
Protocol Interface 422(2)
Physical Interface 448
Media 306
block manager 450
servo positioning 452
read/write 454
optics 460
FS file data 470
FS meta-data 472
CK meta-data 474
400

FIG. 4

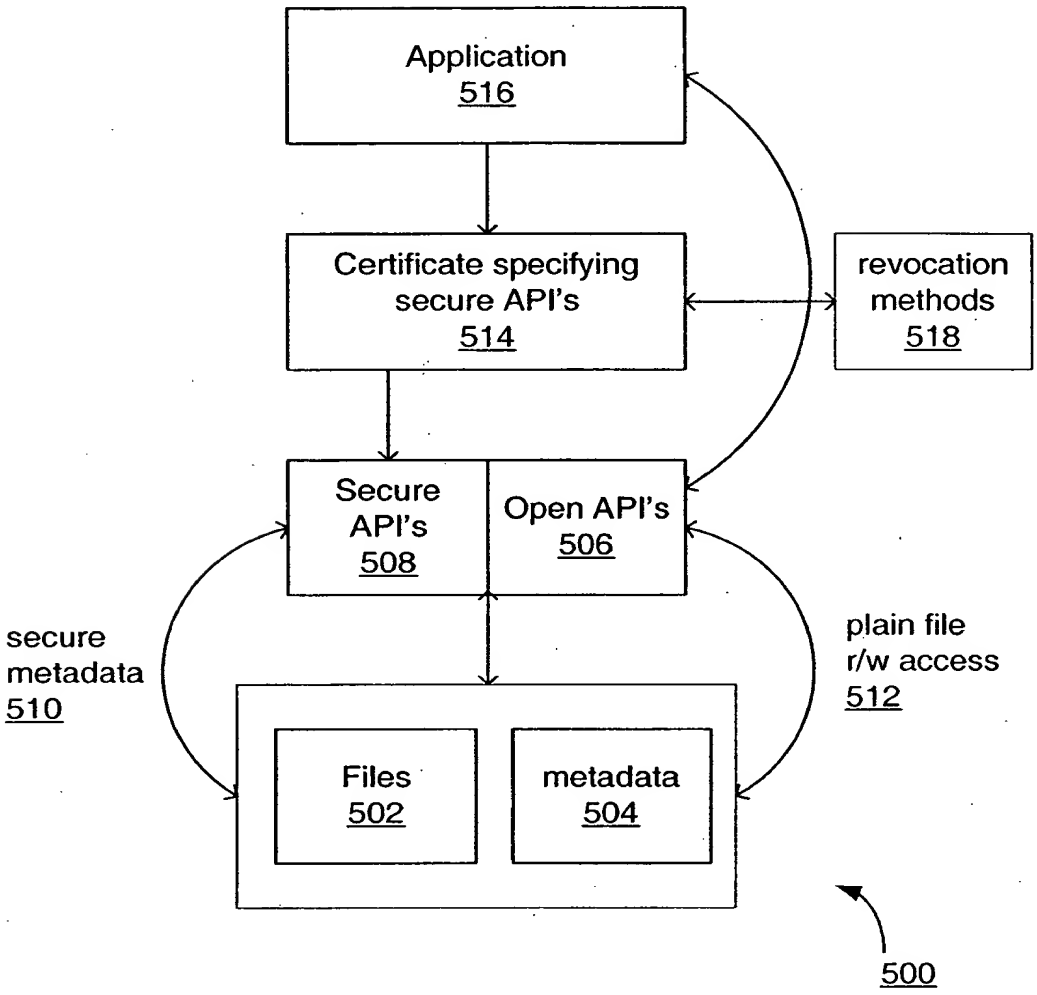


FIG. 5A

09939896-082704

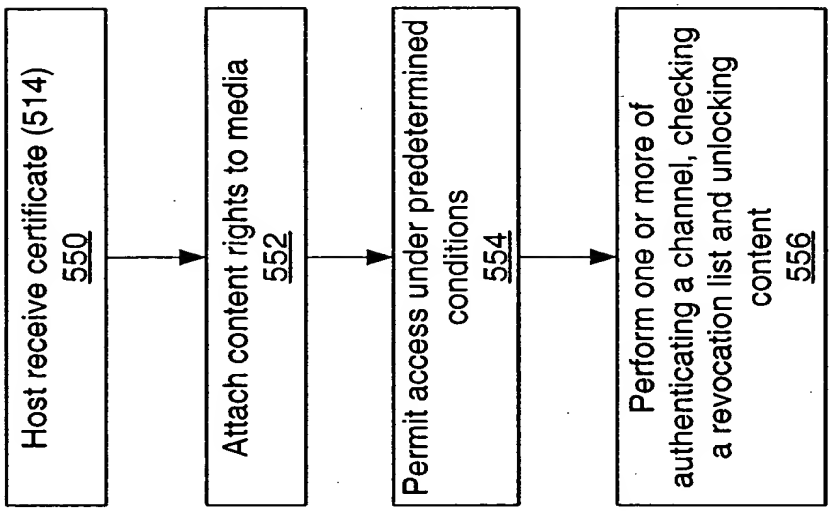


FIG. 5C

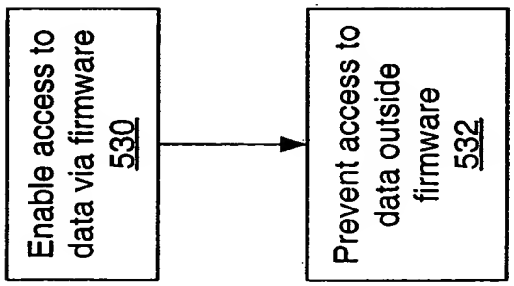


FIG. 5B

10/27/03, 9:38:56 AM

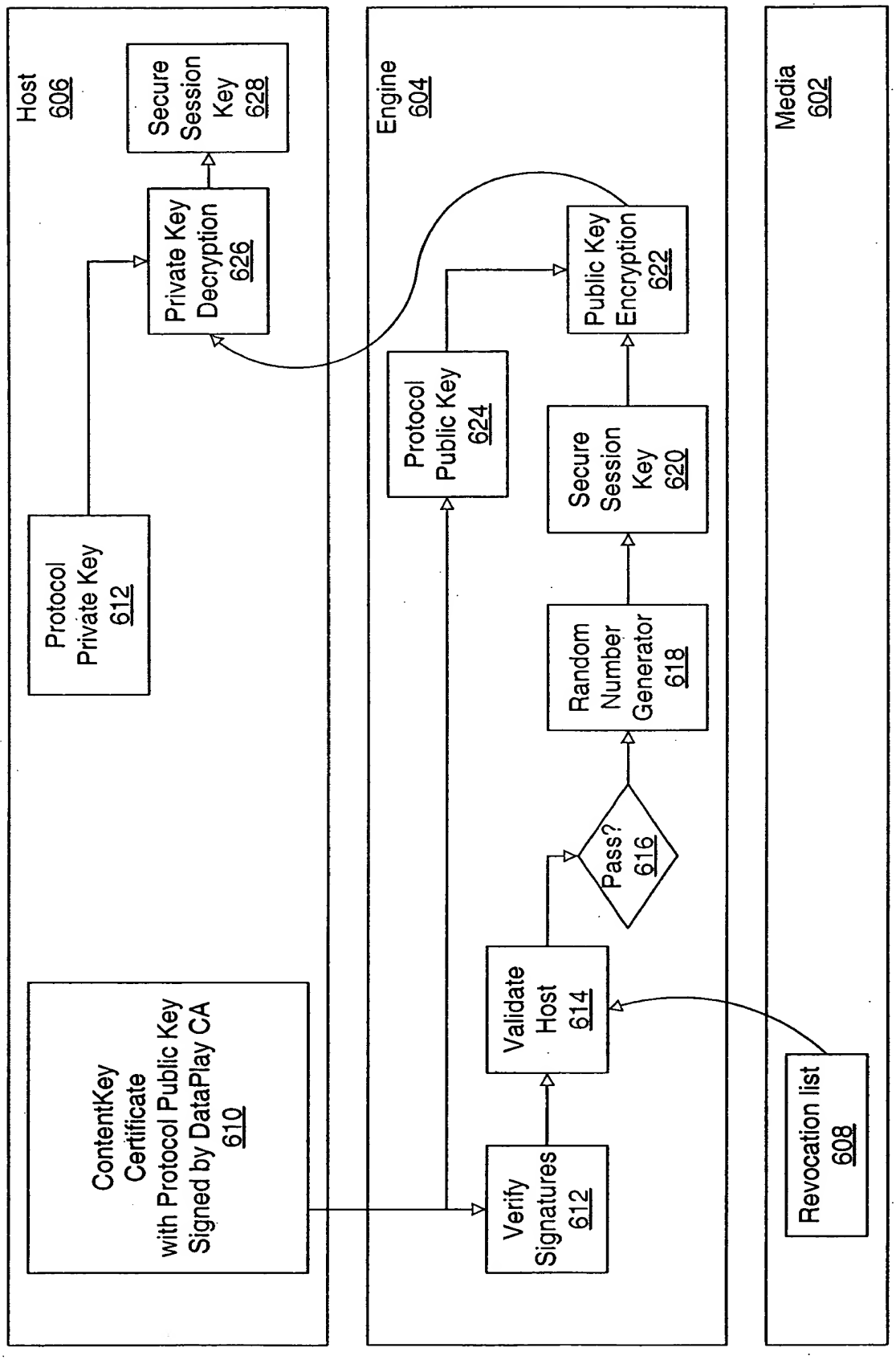


FIG. 6

10/7280: 96865660

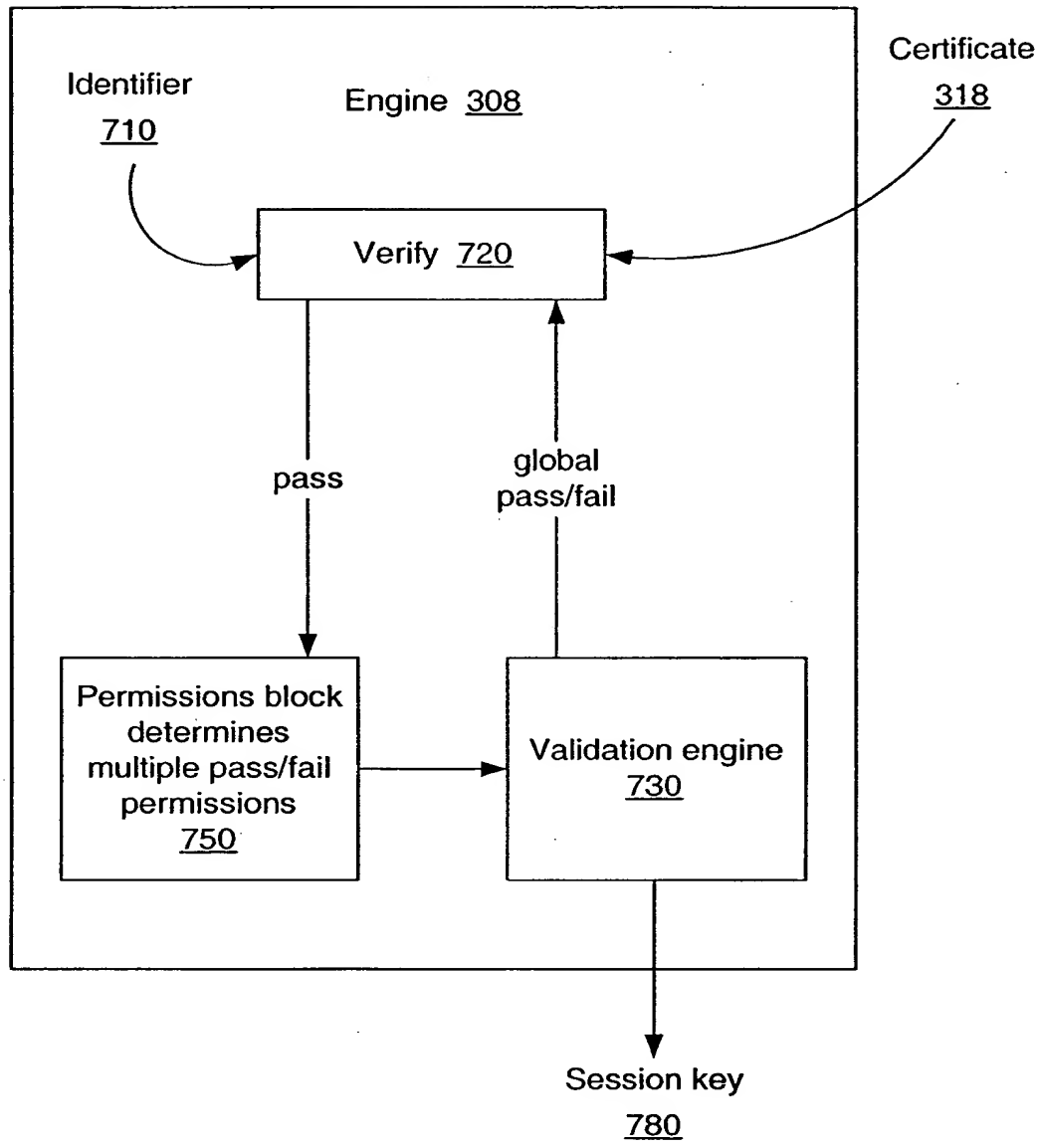


FIG. 7A

09596896.082704

Attorney Docket No.: M-12042 US
First Inventor: Lane W. Lee
Title: A Revocation System and Apparatus for Secure Content

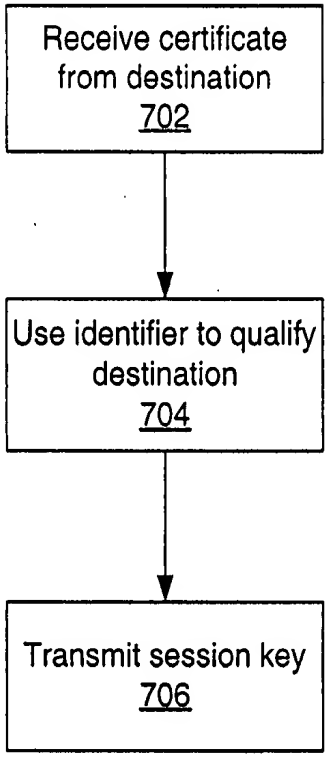


FIG. 7B

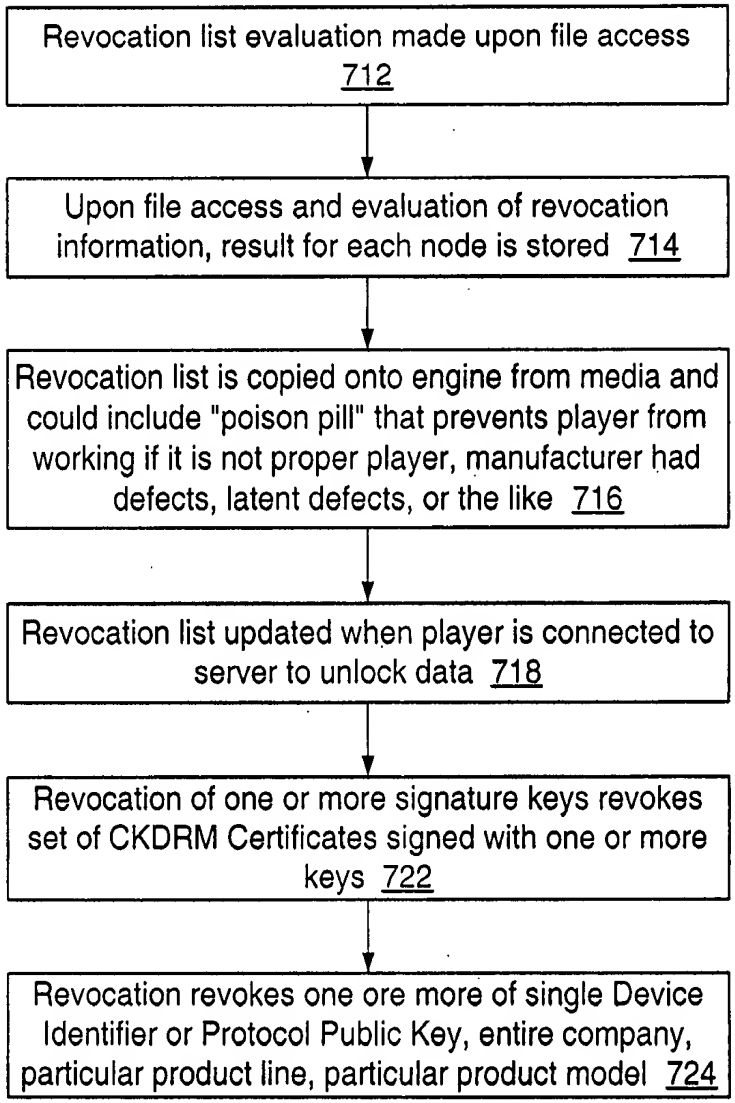


FIG. 7C

09956806 "092701

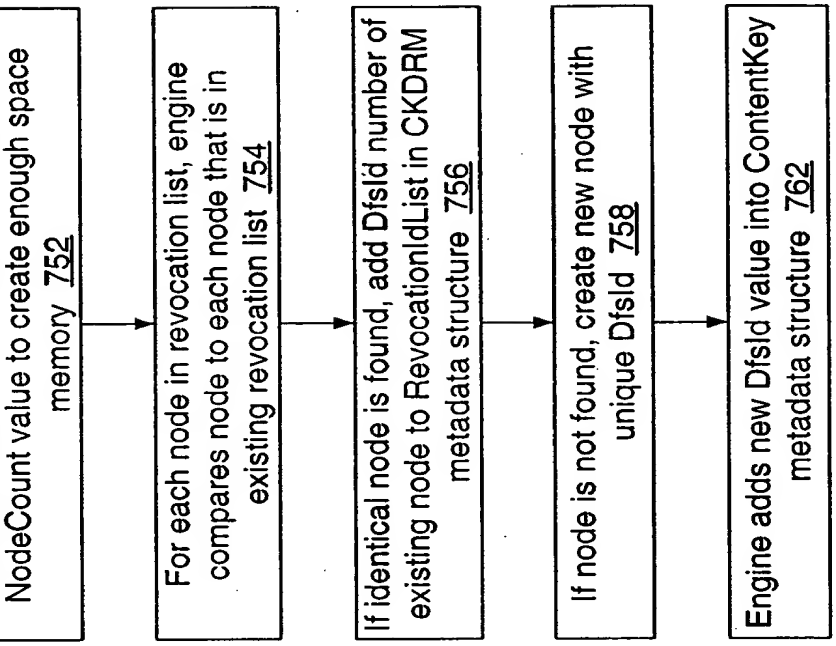


FIG. 7E

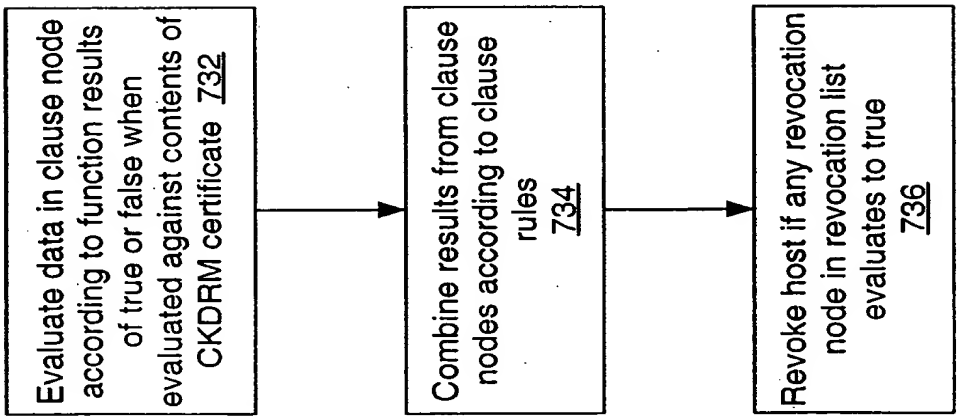


FIG. 7D

0903866.02701

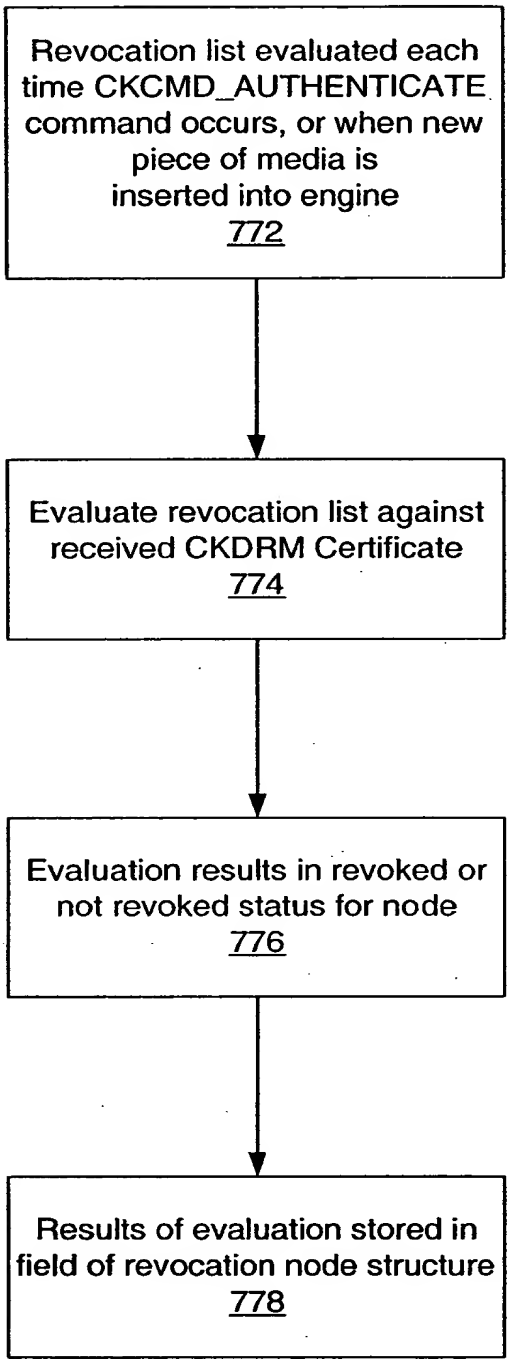


FIG. 7F

05350-0021

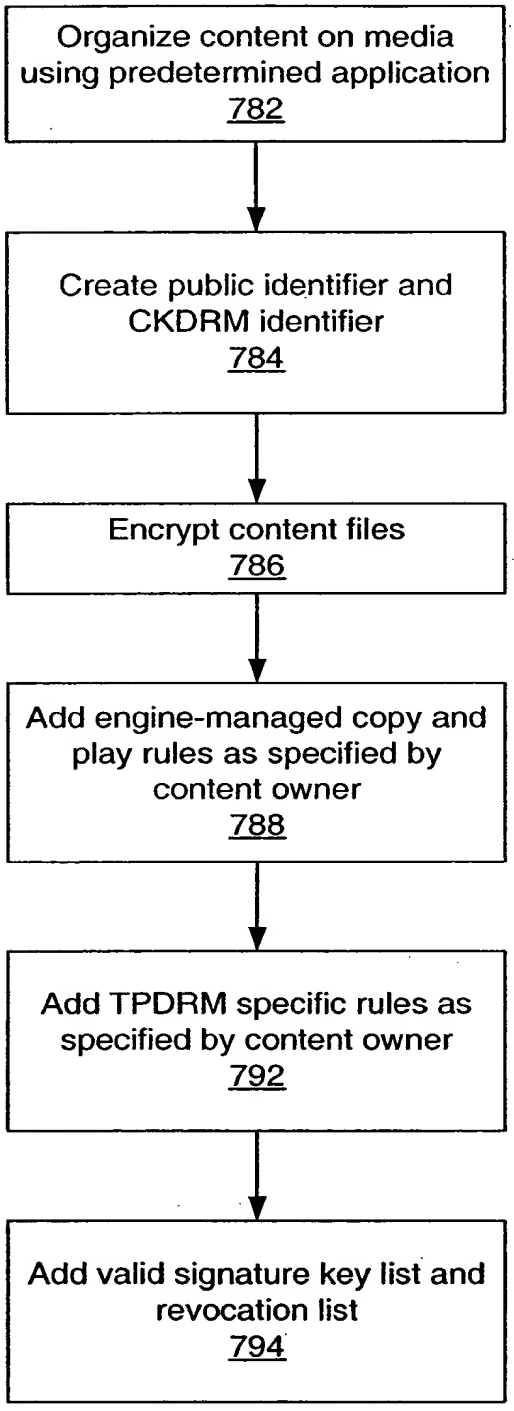


FIG. 7G

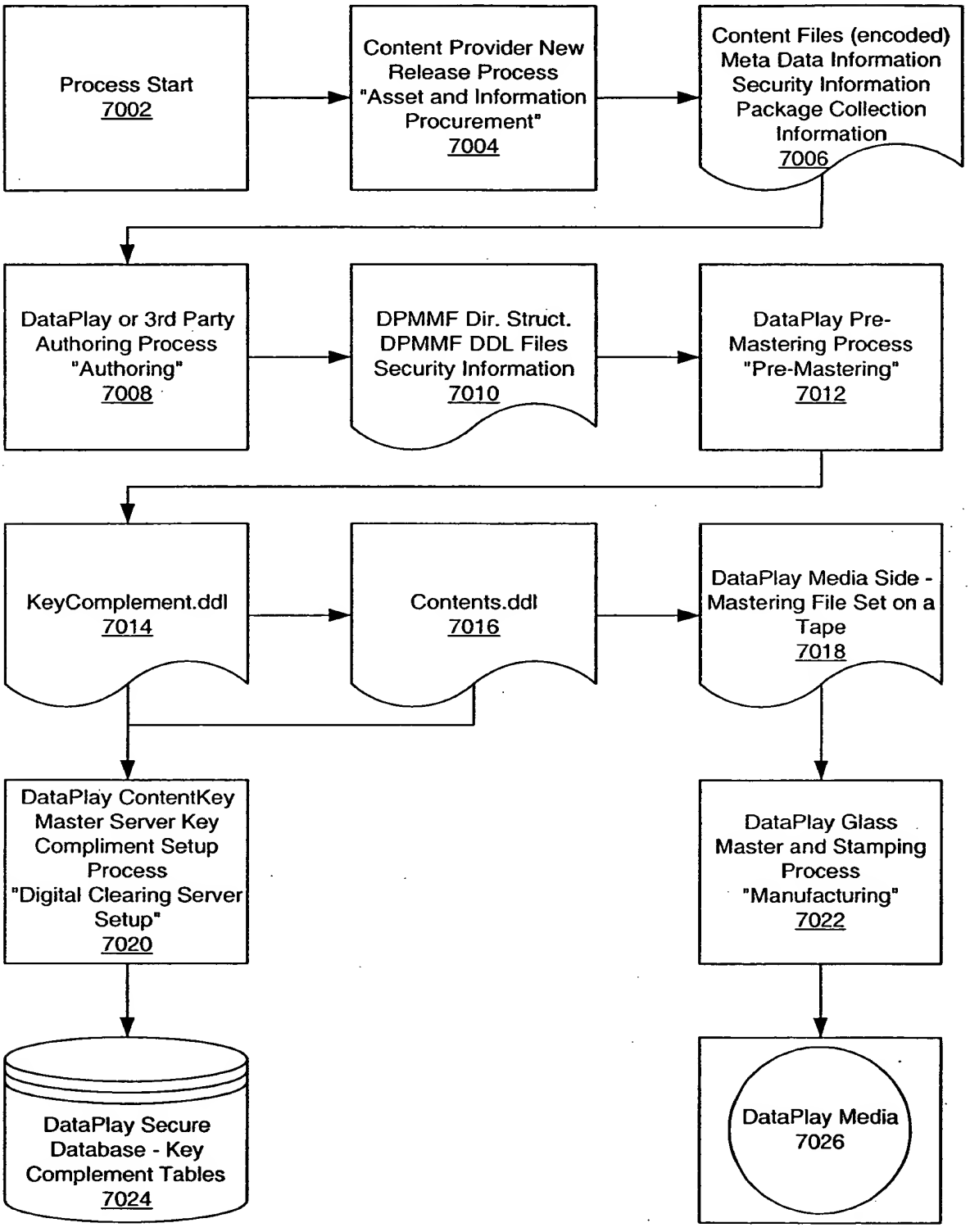


FIG. 7H

Doc Code: Appeal Brief

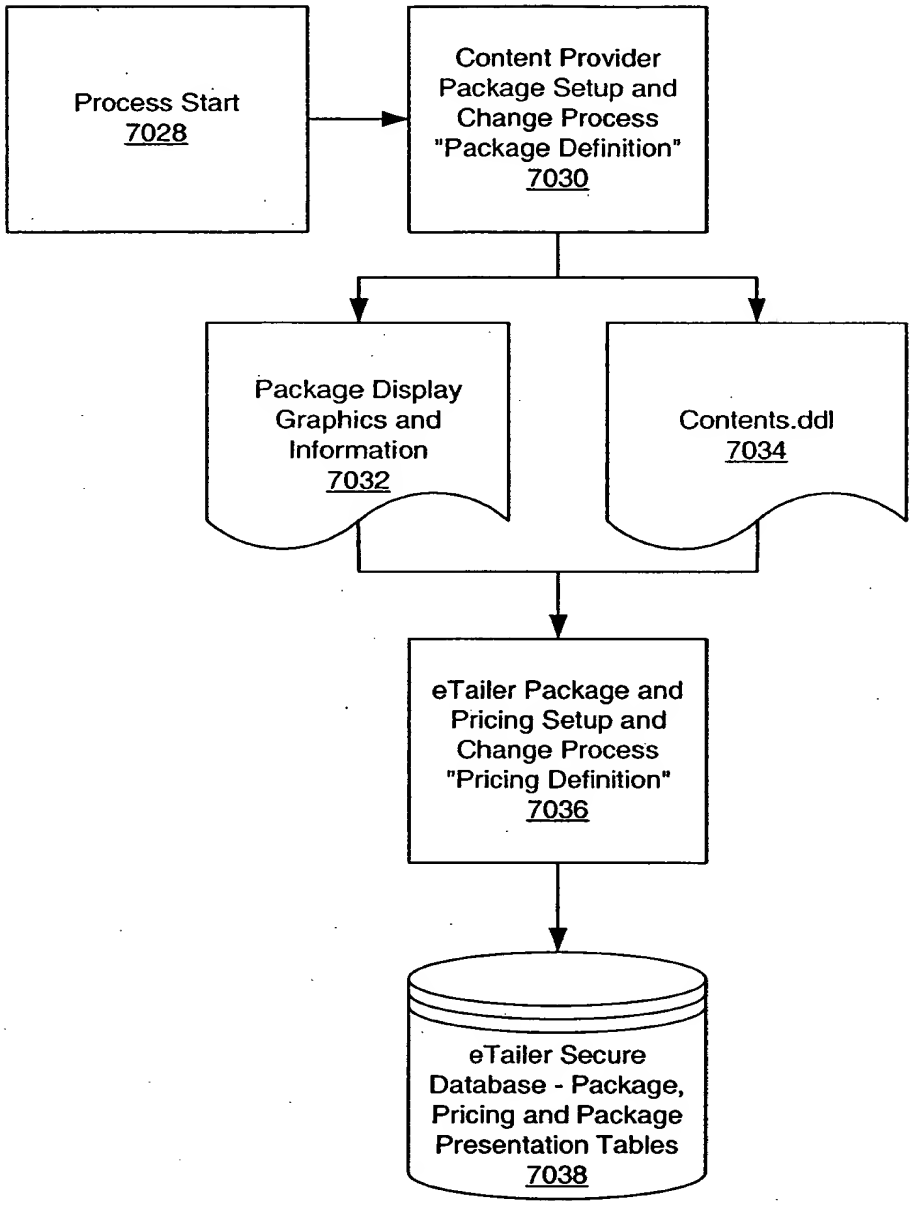


FIG. 7I

0508905-082705

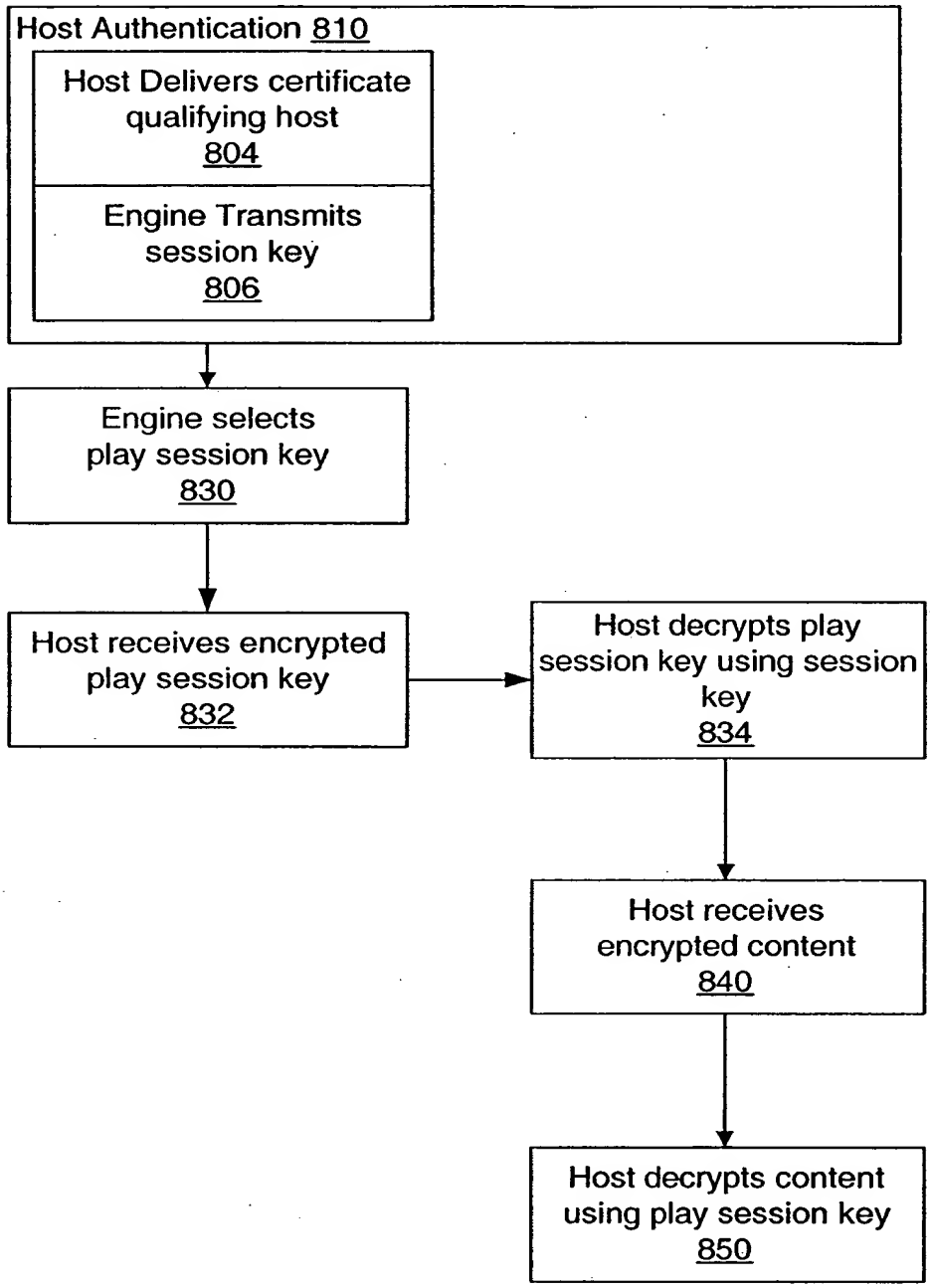


FIG. 8

09936806 - 082704

09538856-082704

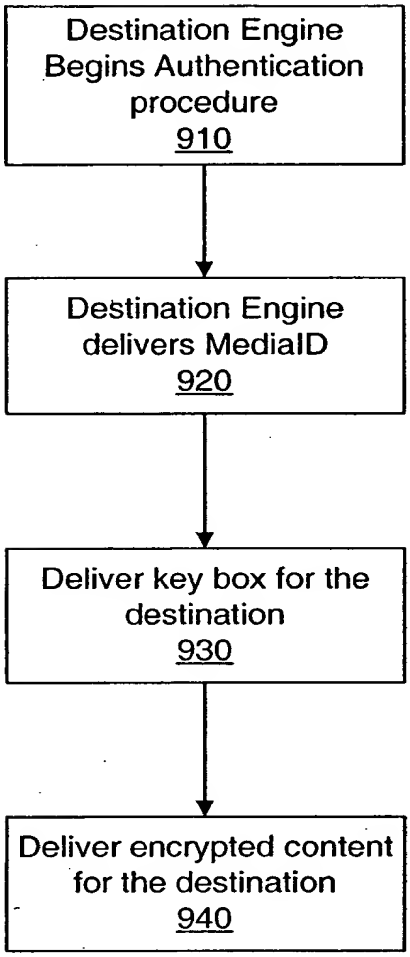


FIG. 9

09938936 - 082704

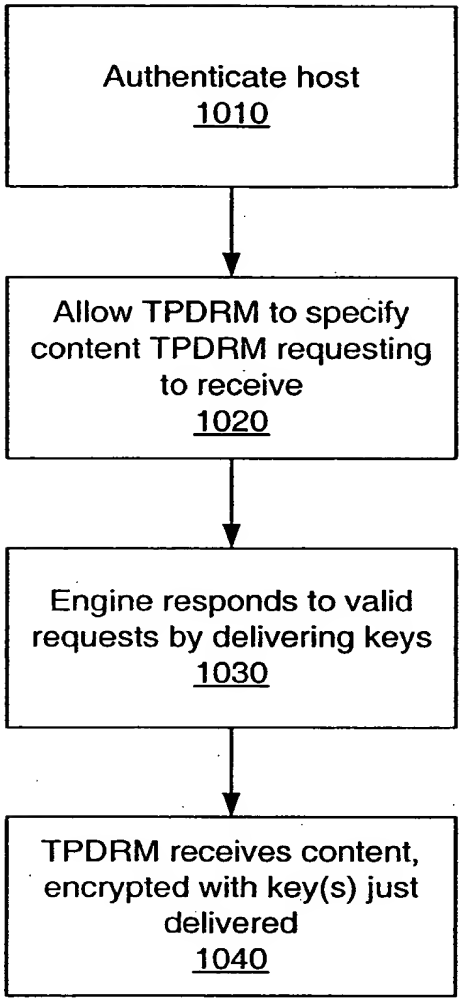


FIG. 10

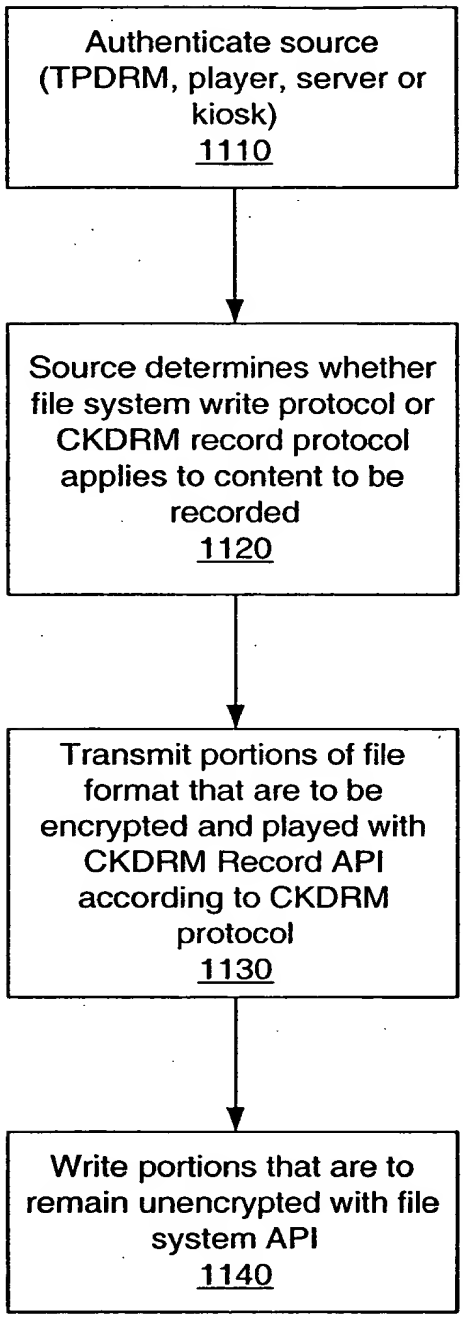


FIG. 11

0950866.02702

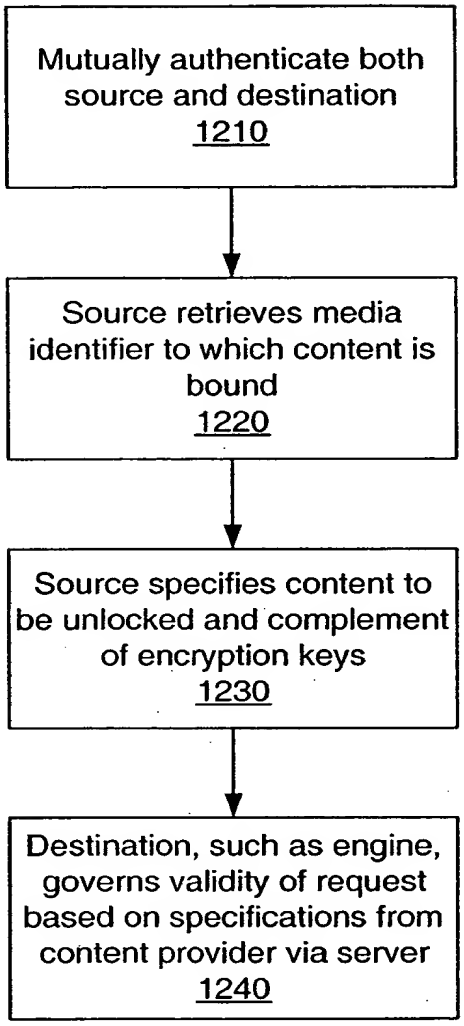


FIG. 12

09596896.082704

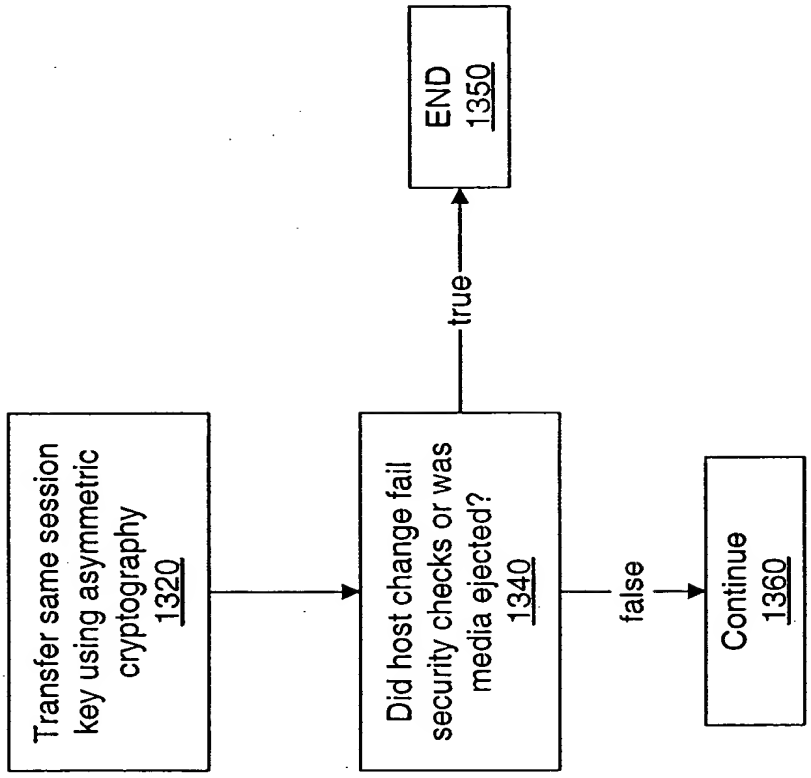

Transfer same session key using asymmetric cryptography 1320
Did host change fail security checks or was media ejected? 1340
true
END 1350
false
Continue 1360

FIG. 13

09396870.1

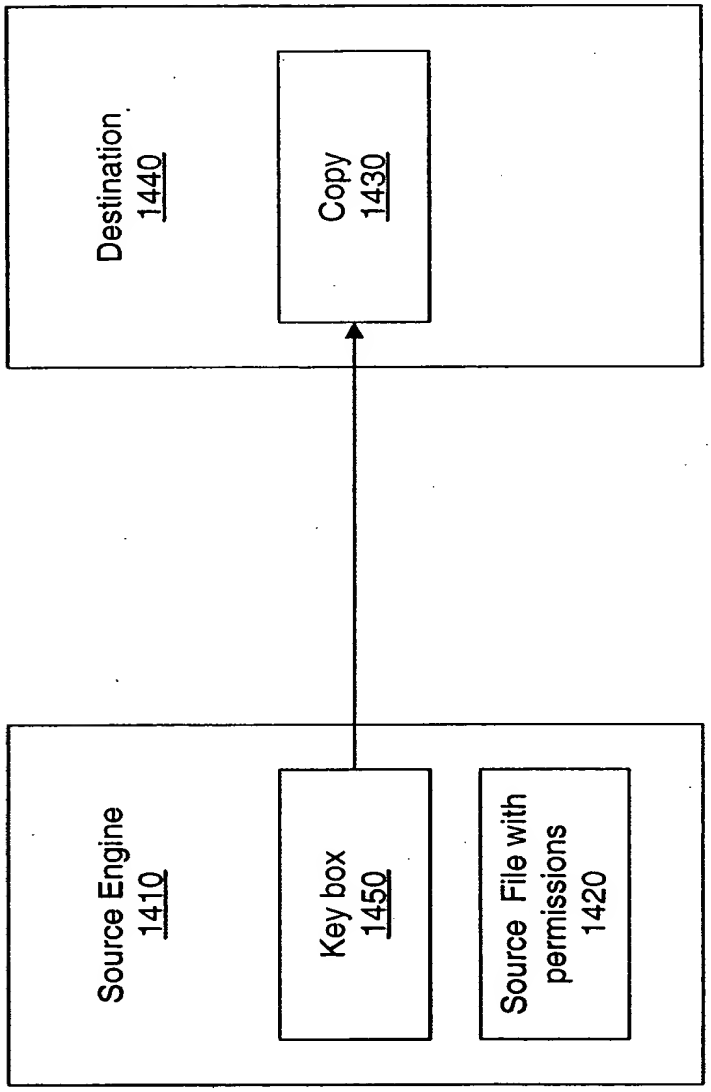


FIG. 14

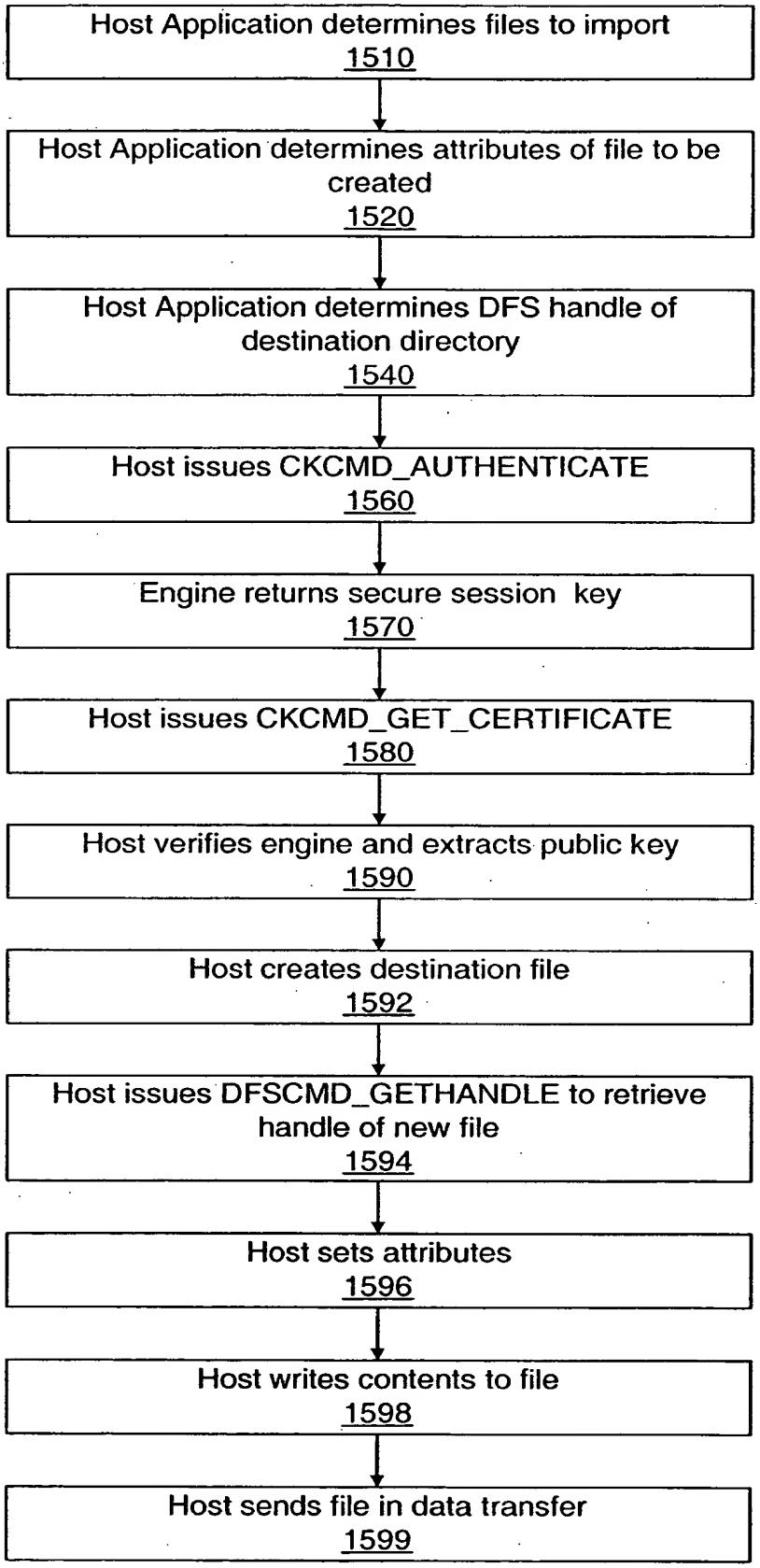


FIG. 15

Doc Code: Appeal

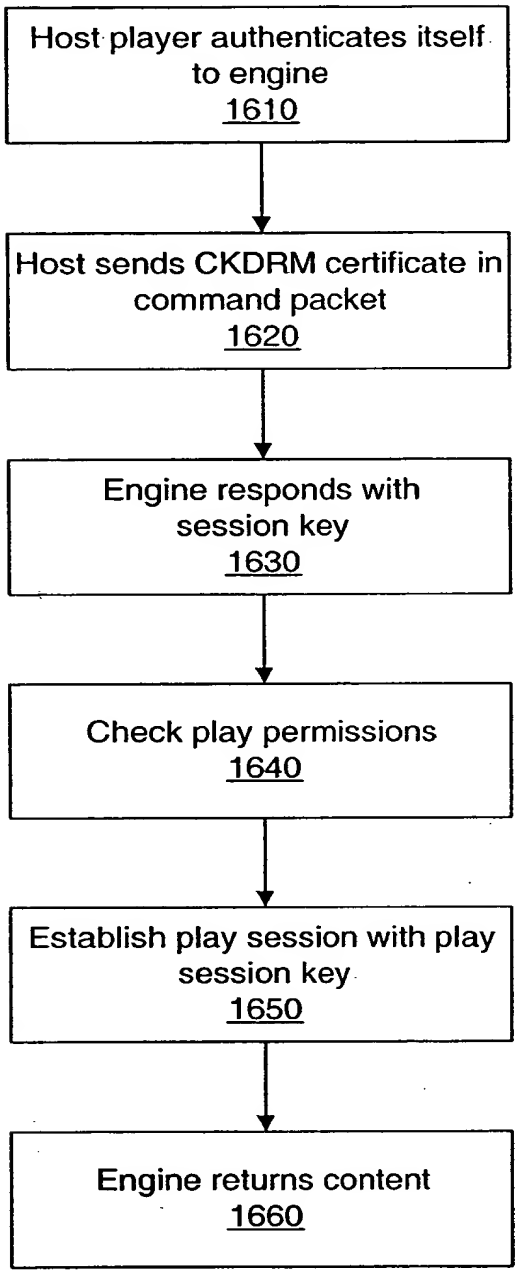


FIG. 16

0903936.00270

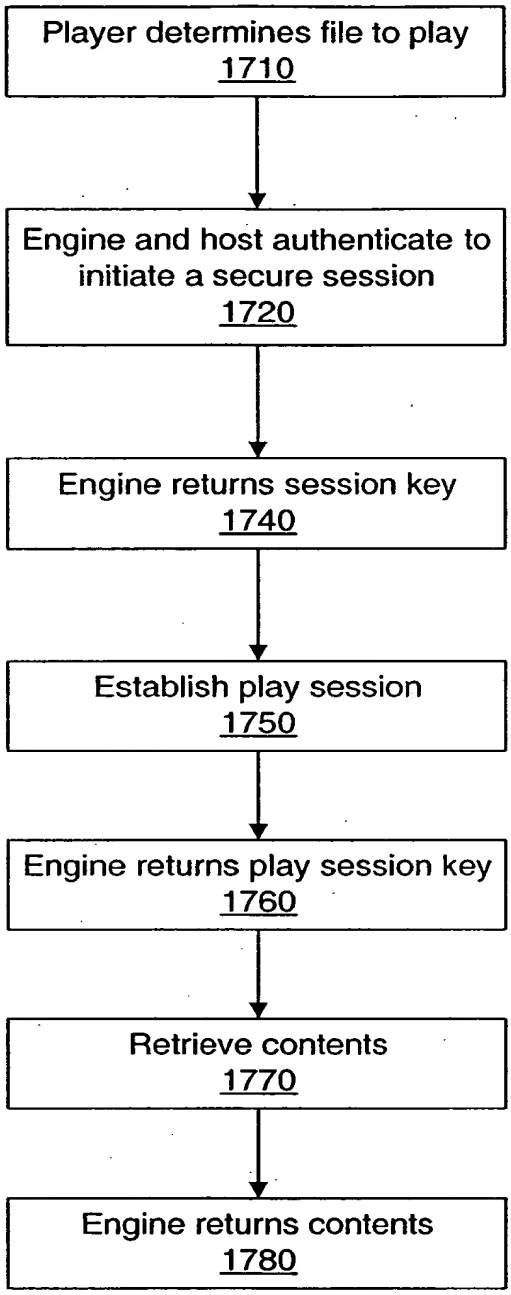


FIG. 17

Express Mail Label No. EV339885961US

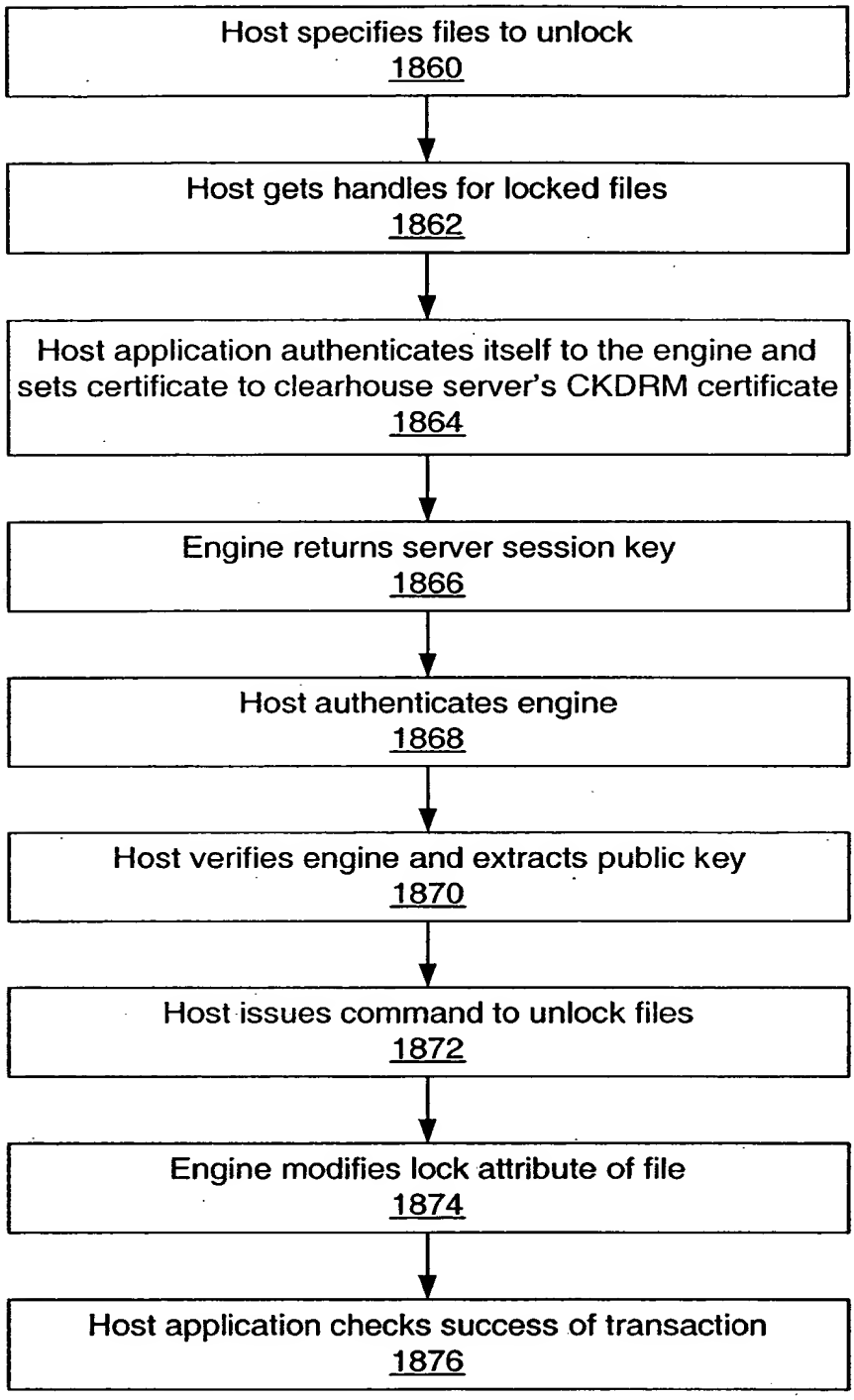


FIG. 18

Express Mail Label No. EV 339 960 954 US

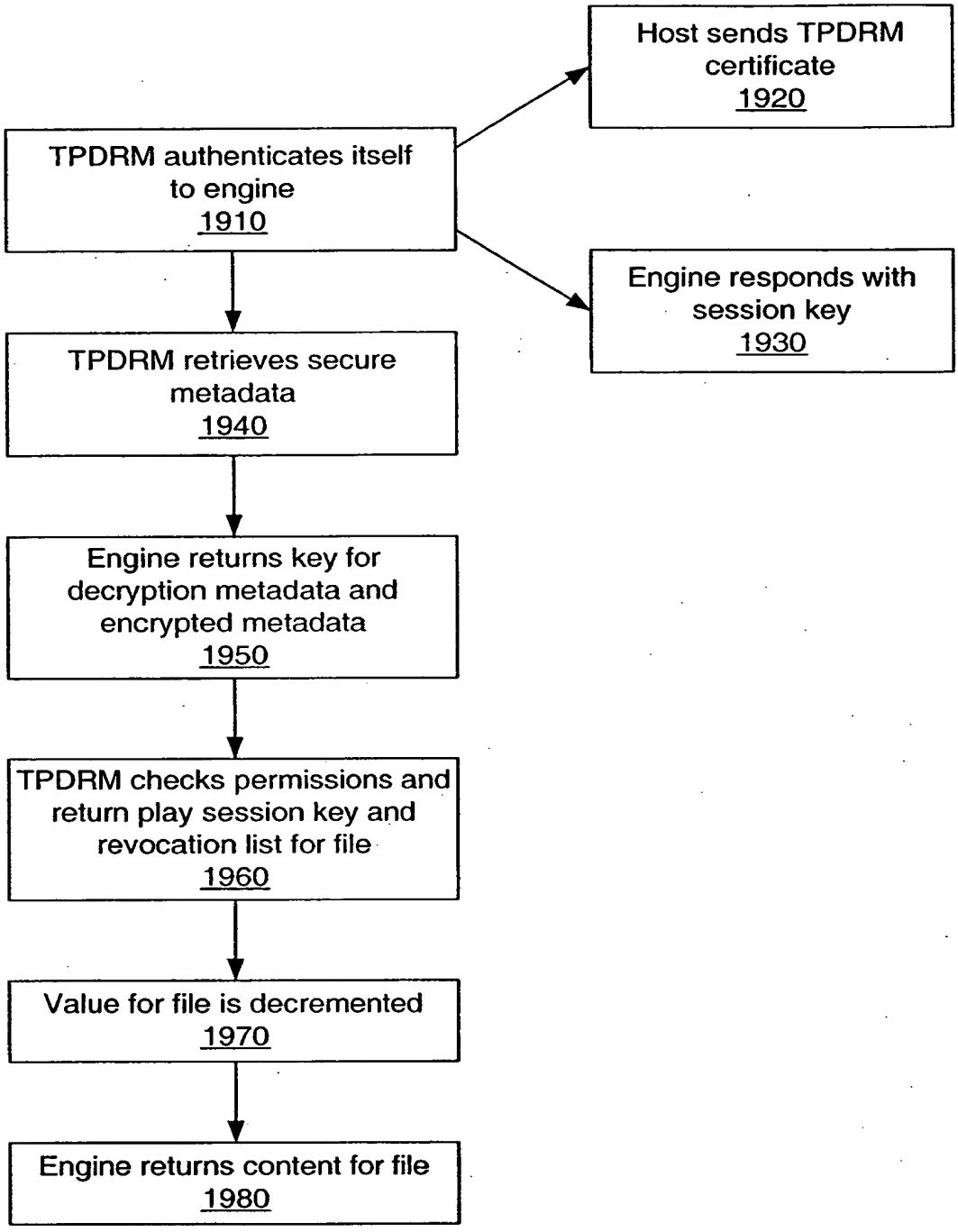


FIG. 19

0050601-0002704

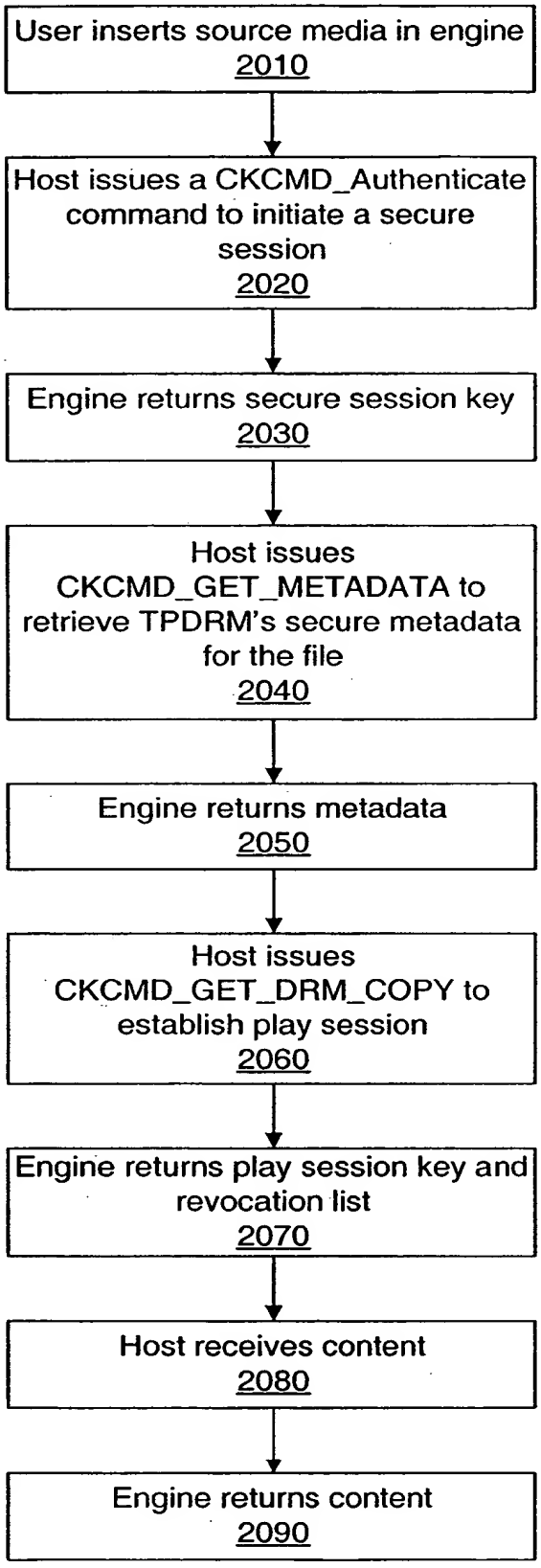


FIG. 20

09586.0827

09358961.082701

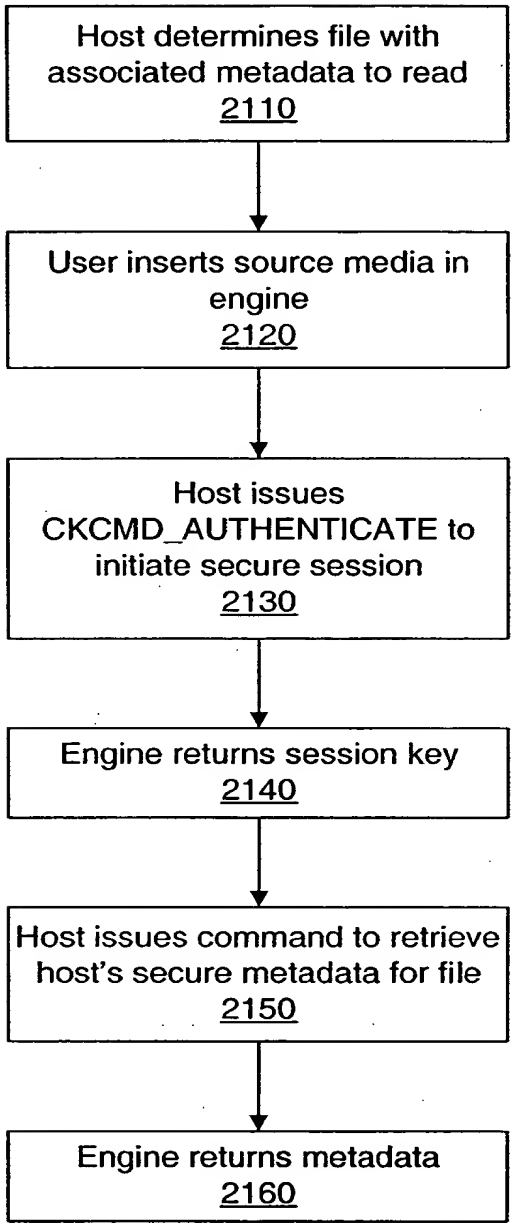


FIG. 21

09959858.082704

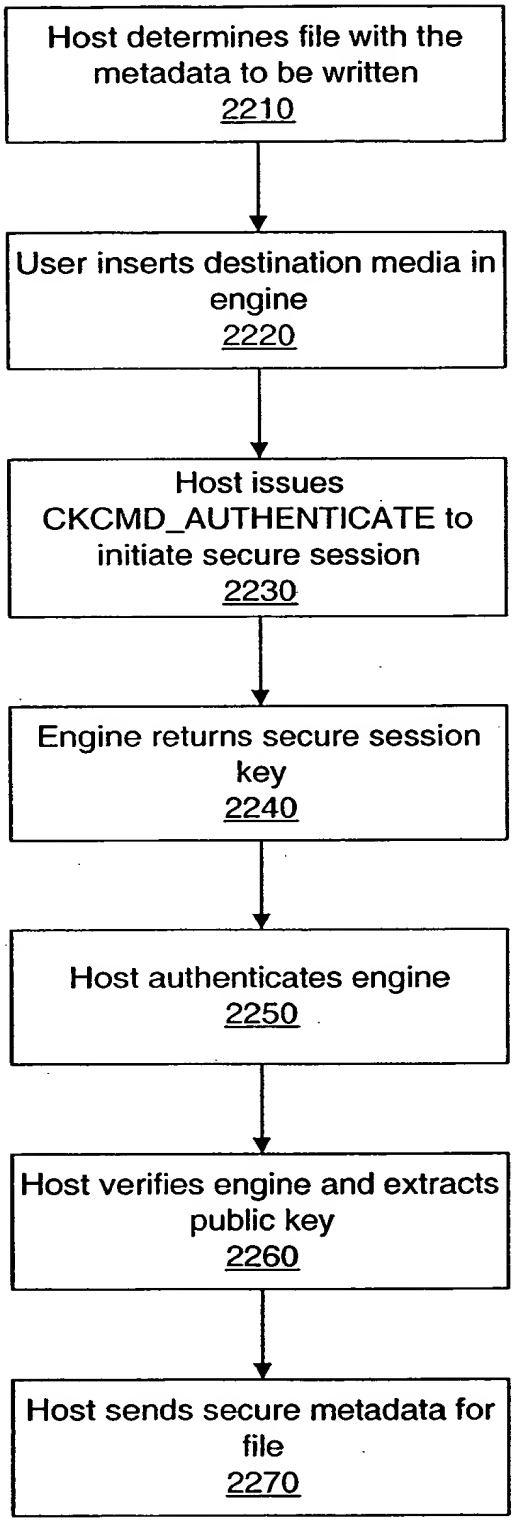


FIG. 22A

09838606-062703

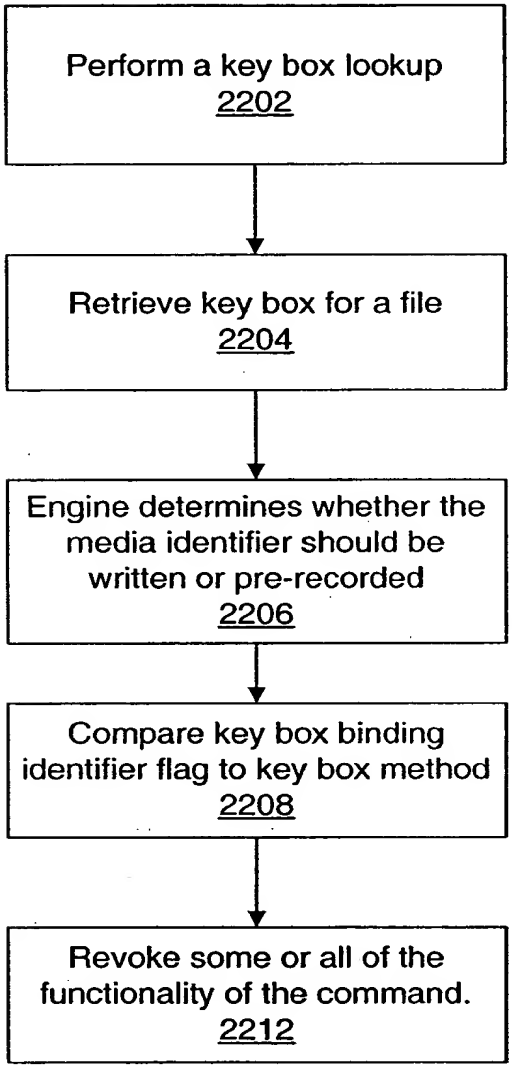


FIG. 22B

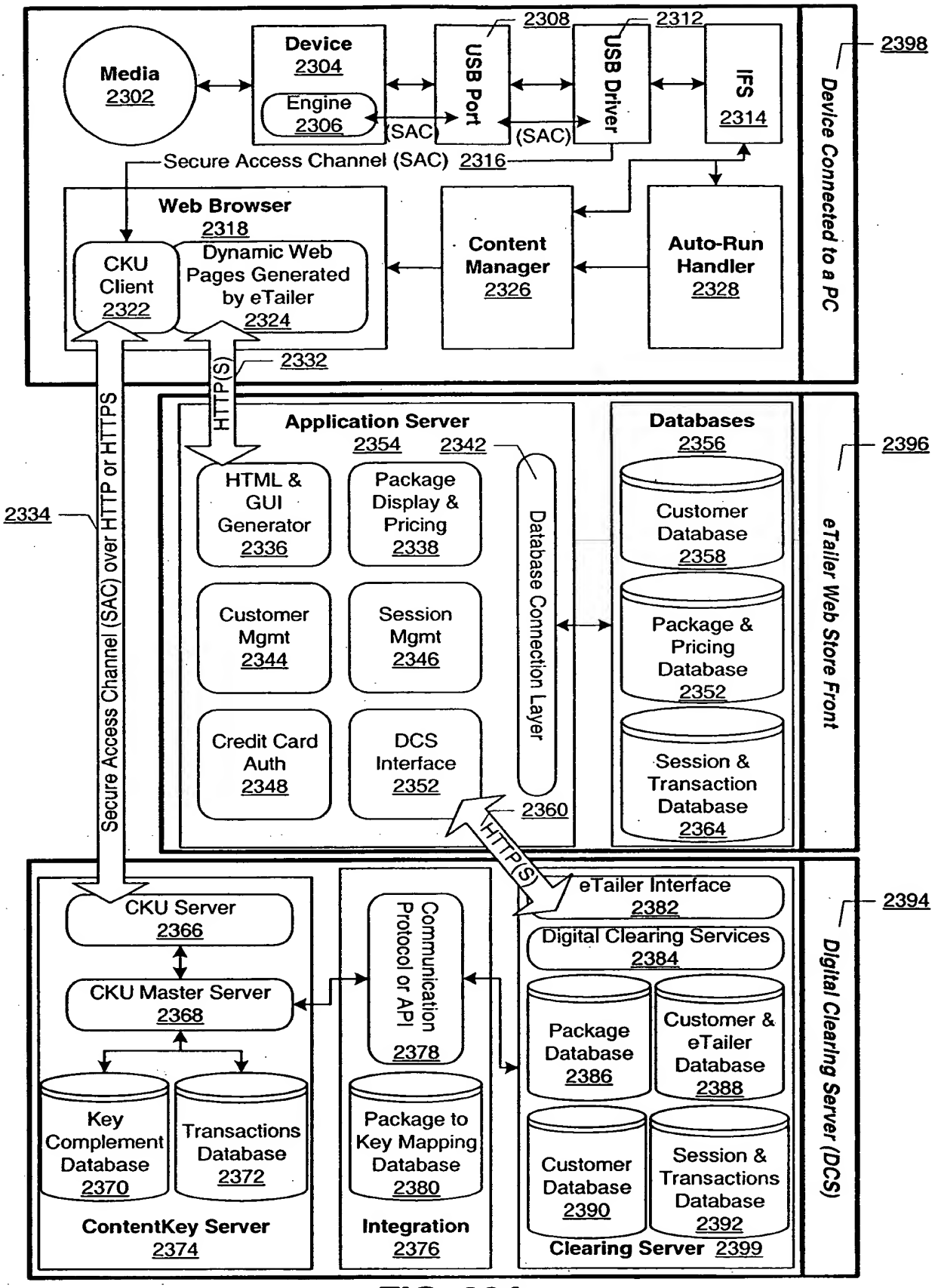
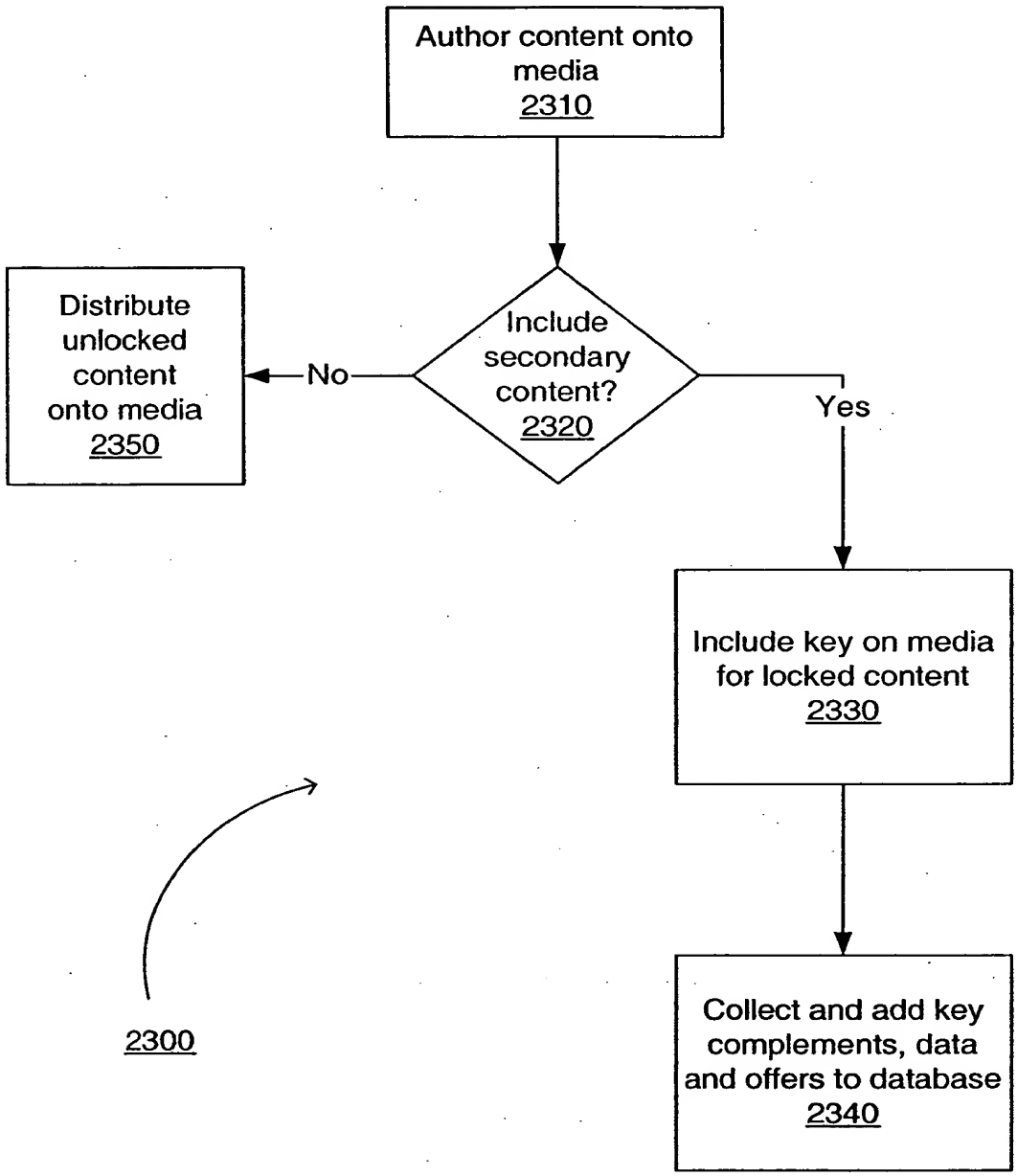


FIG. 23A

09586686.082704



09396896.082704

FIG. 23B

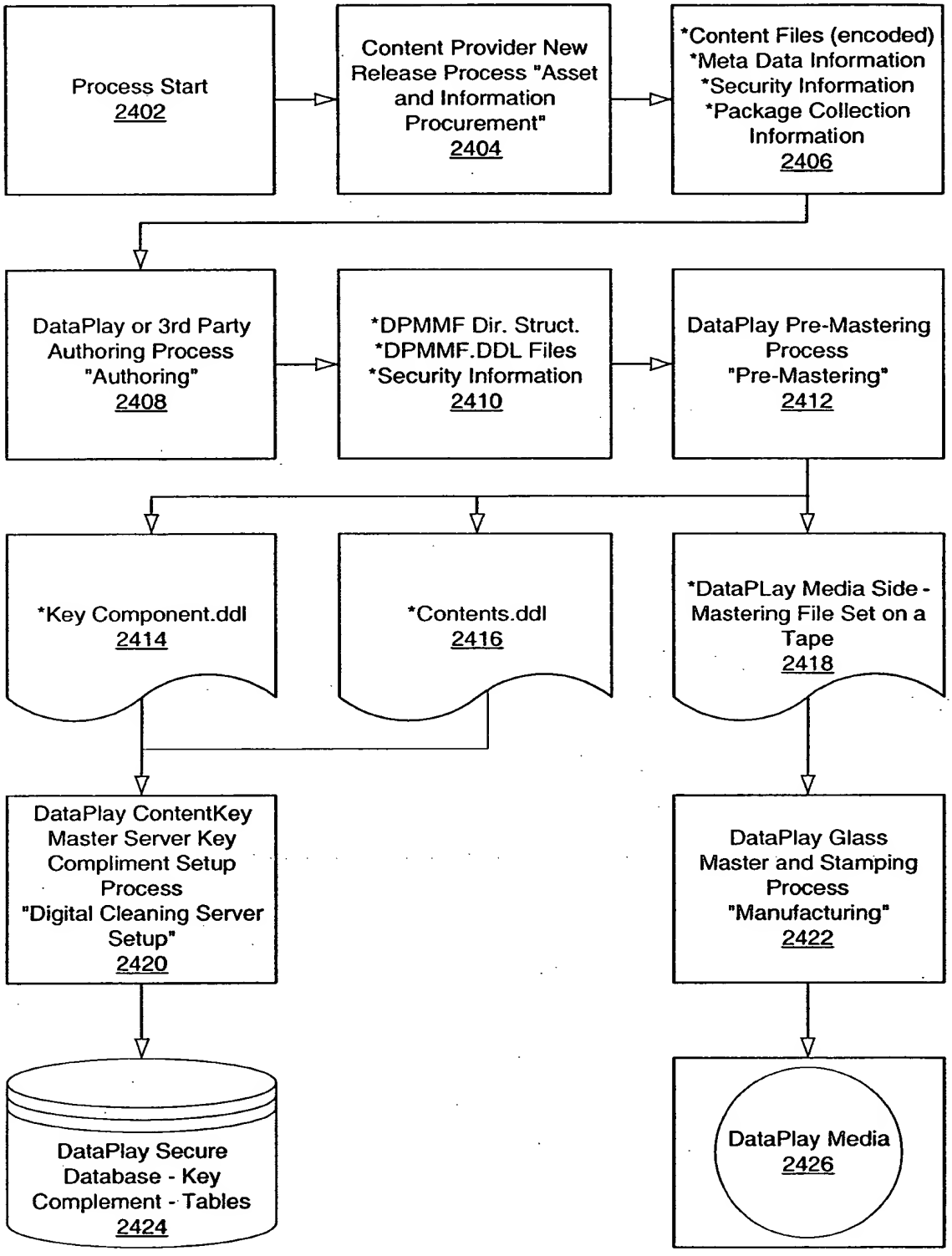


FIG. 24

Express Mail No. EV339850805US

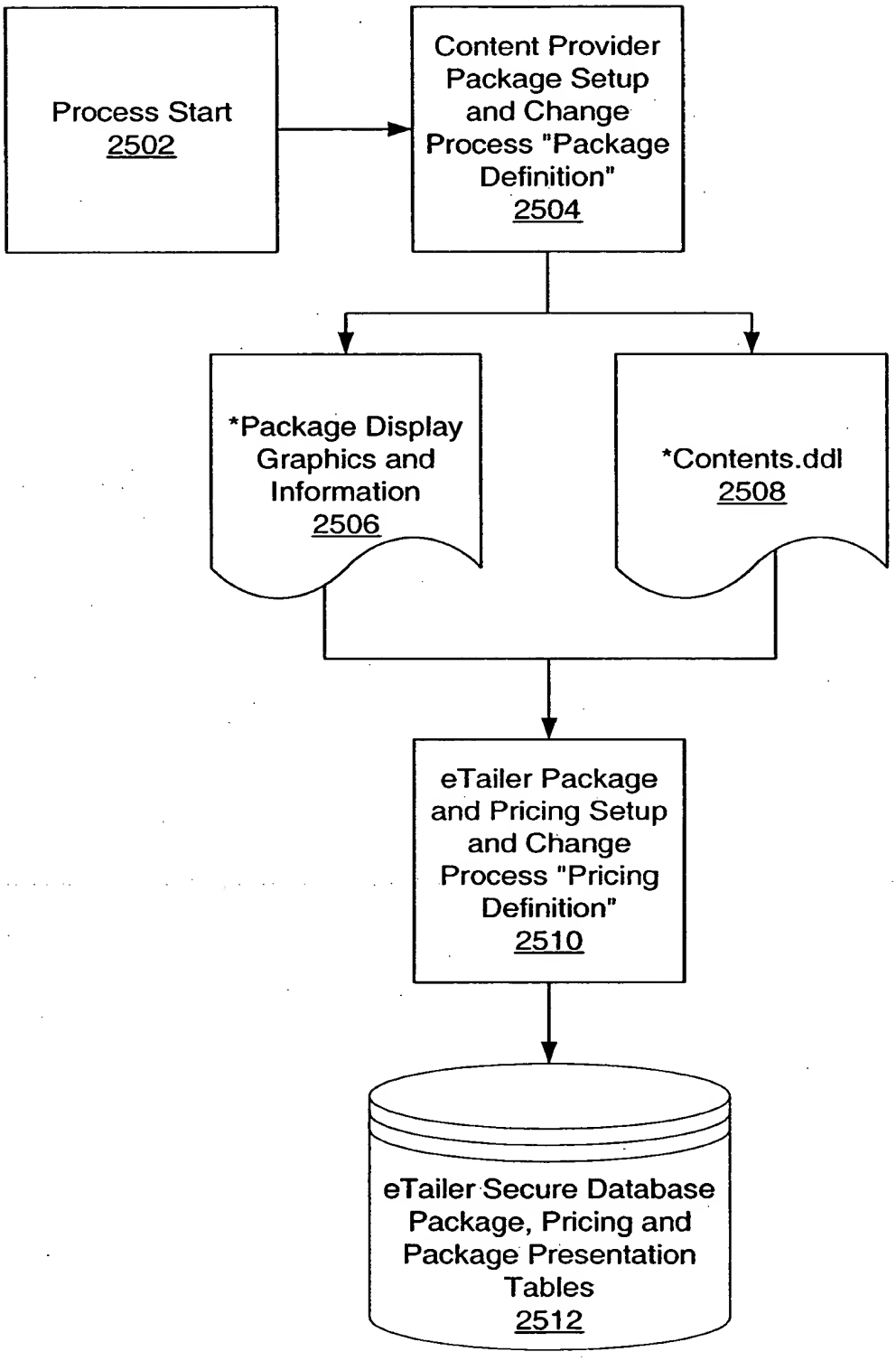


FIG. 25

5,530,758

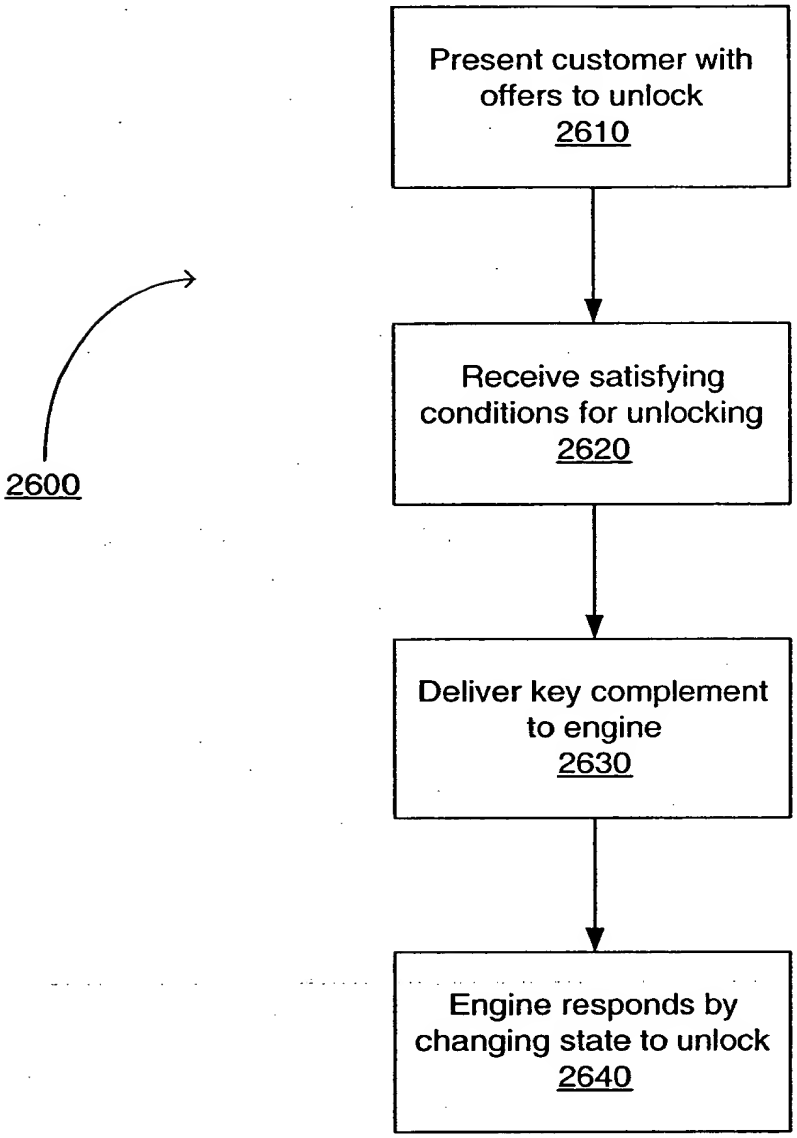


FIG. 26

0303636.00270

TO/280" 9586550

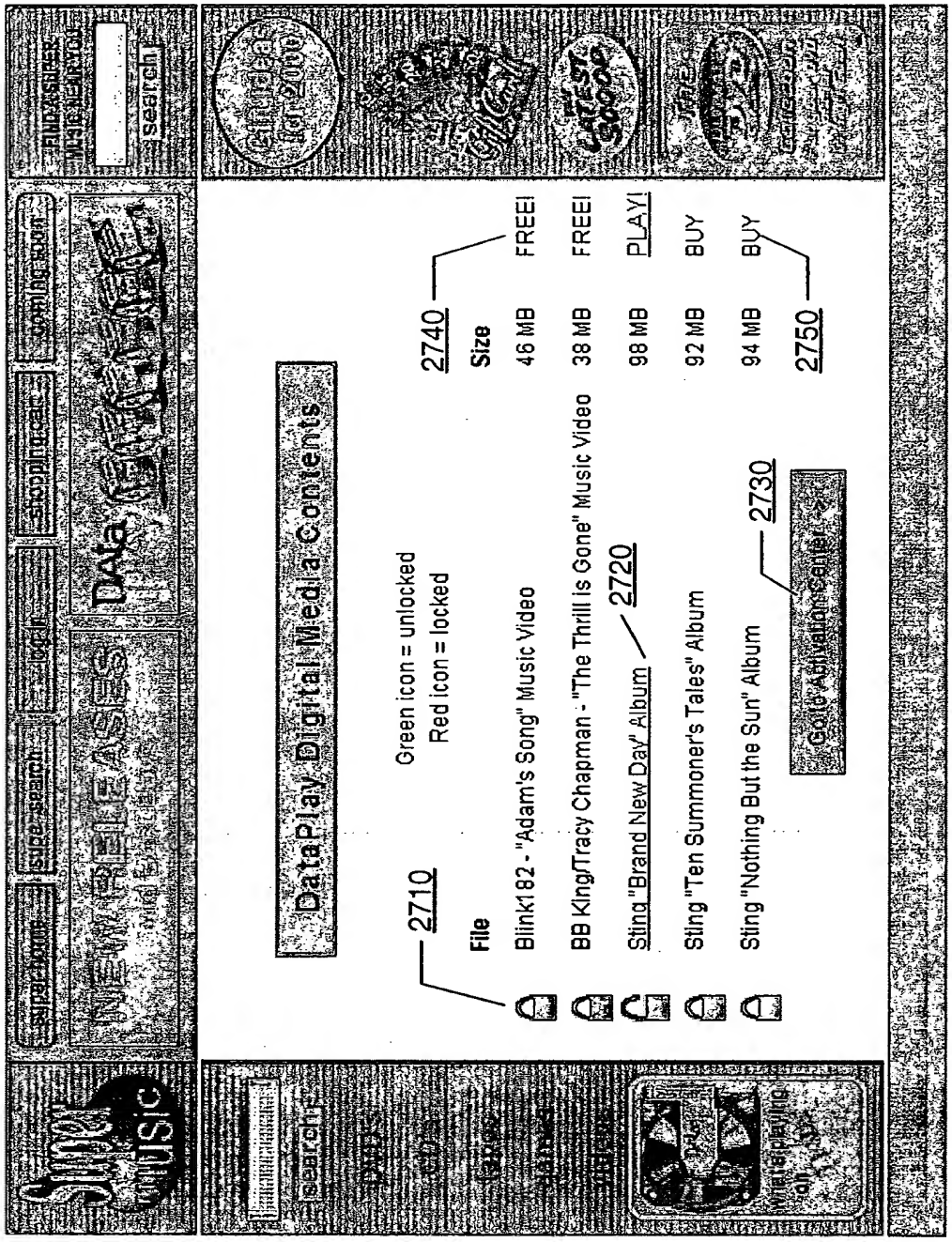


FIG. 27

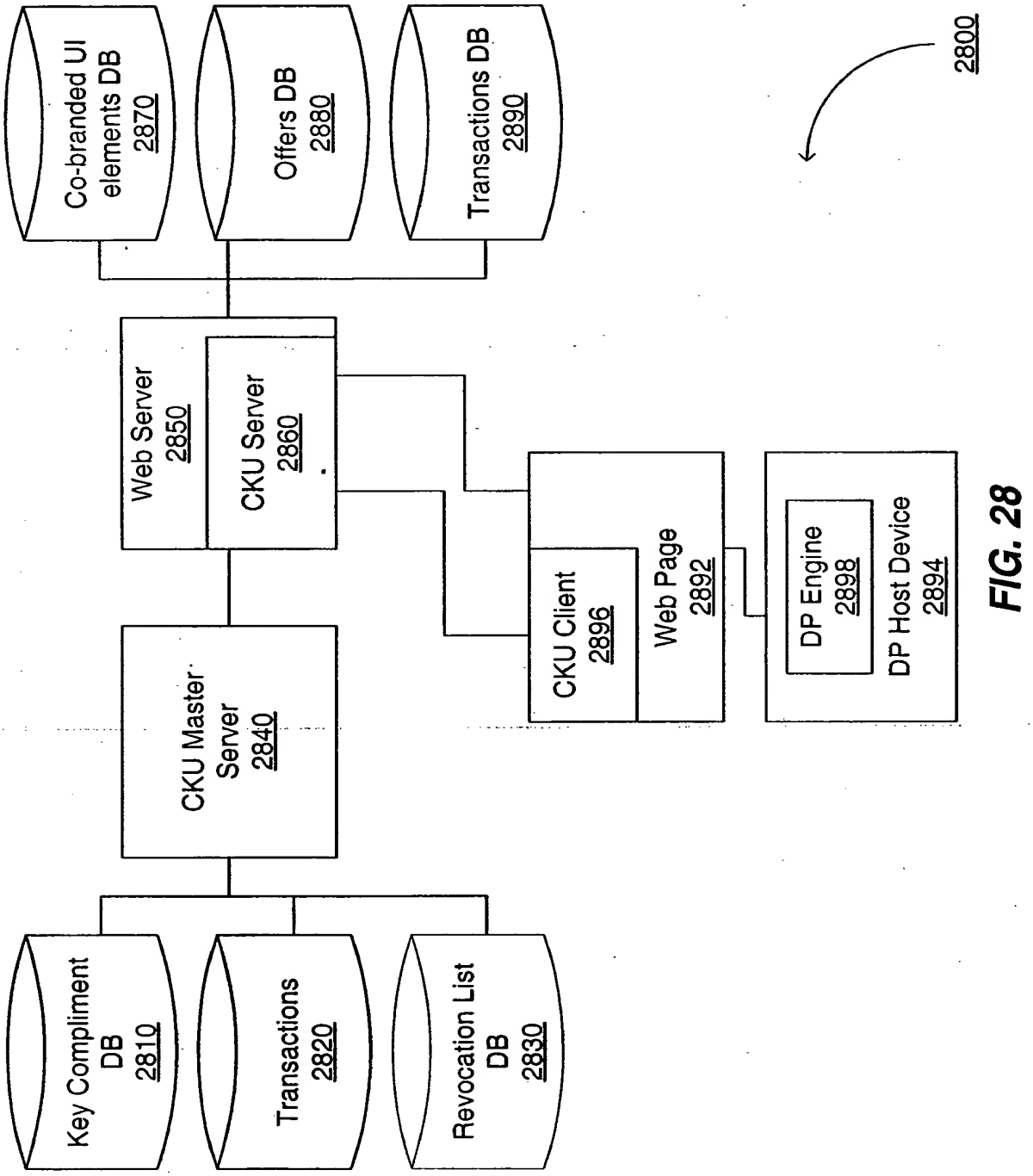


FIG. 28

EFS ID: 6485350
Application No.: 09/227,561

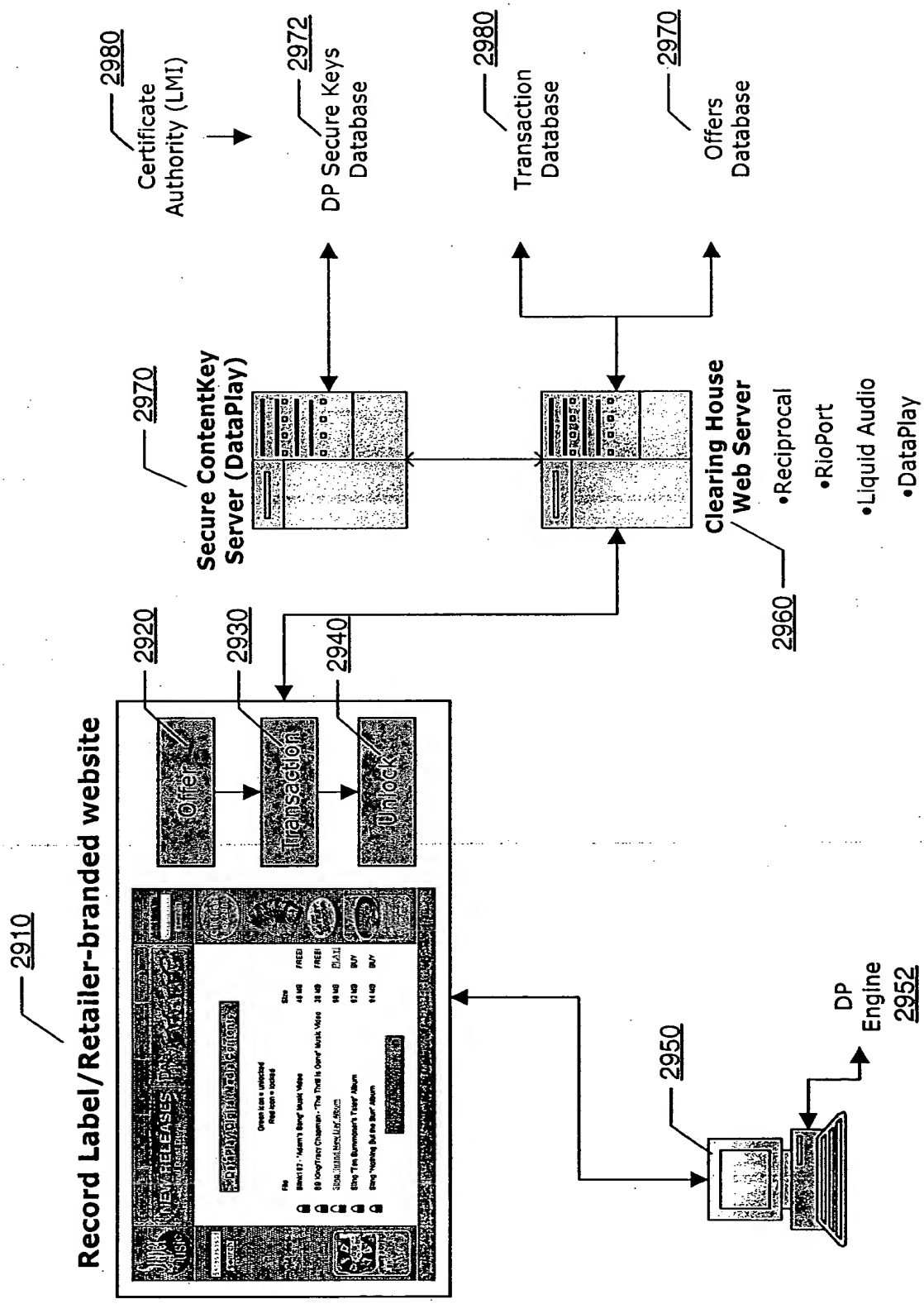


FIG. 29

09359856.082701

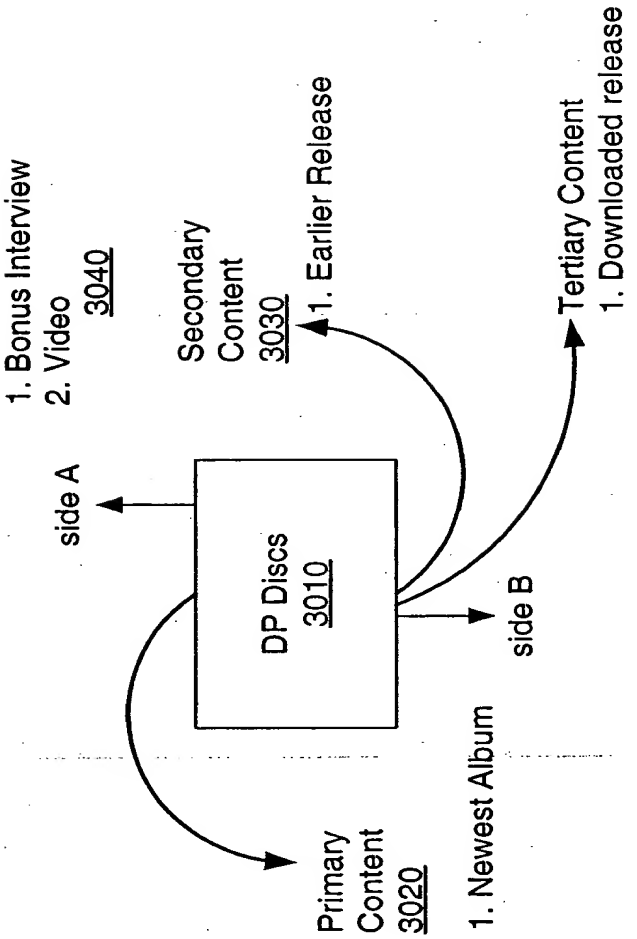

1. Bonus Interview
2. Video
3040
side A
DP Discs
3010
Secondary Content
3030
1. Earlier Release
Tertiary Content
1. Downloaded release
side B
Primary Content
3020
1. Newest Album

FIG. 30

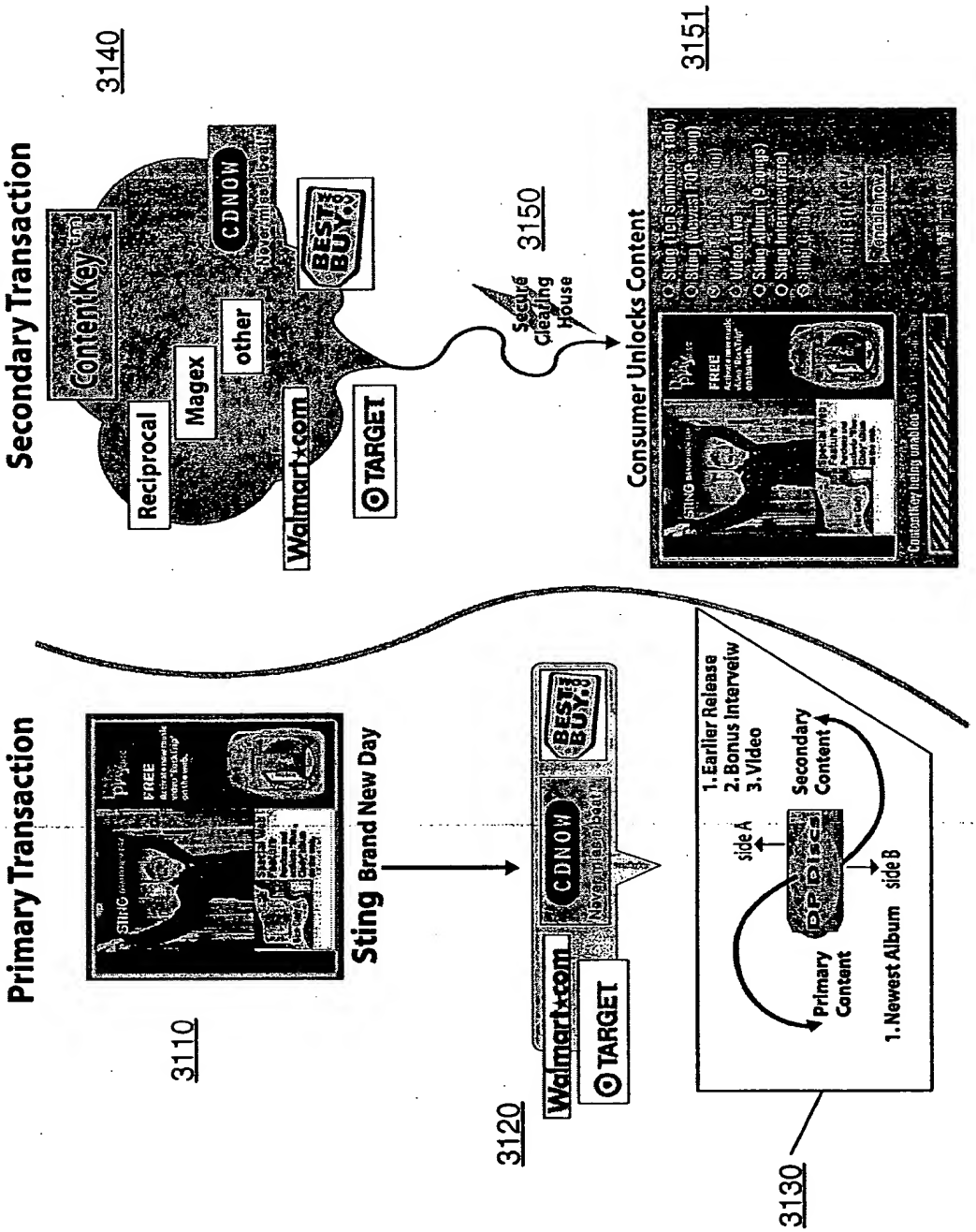

Primary Transaction
3110
Sting Brand New Day
3120
Walmart.com
TARGET
CDNOW
BEST BUY
3130
1. Earlier Release
2. Bonus Interview
3. Video
side A
side B
Secondary Content
Primary Content
1. Newest Album
Secondary Transaction
3140
ContentKey
Reciprocal
Magex
other
CDNOW
BEST BUY
Walmart.com
TARGET
Secure clearing House
3150
Consumer Unlocks Content
3151

FIG. 31A

09396-08701

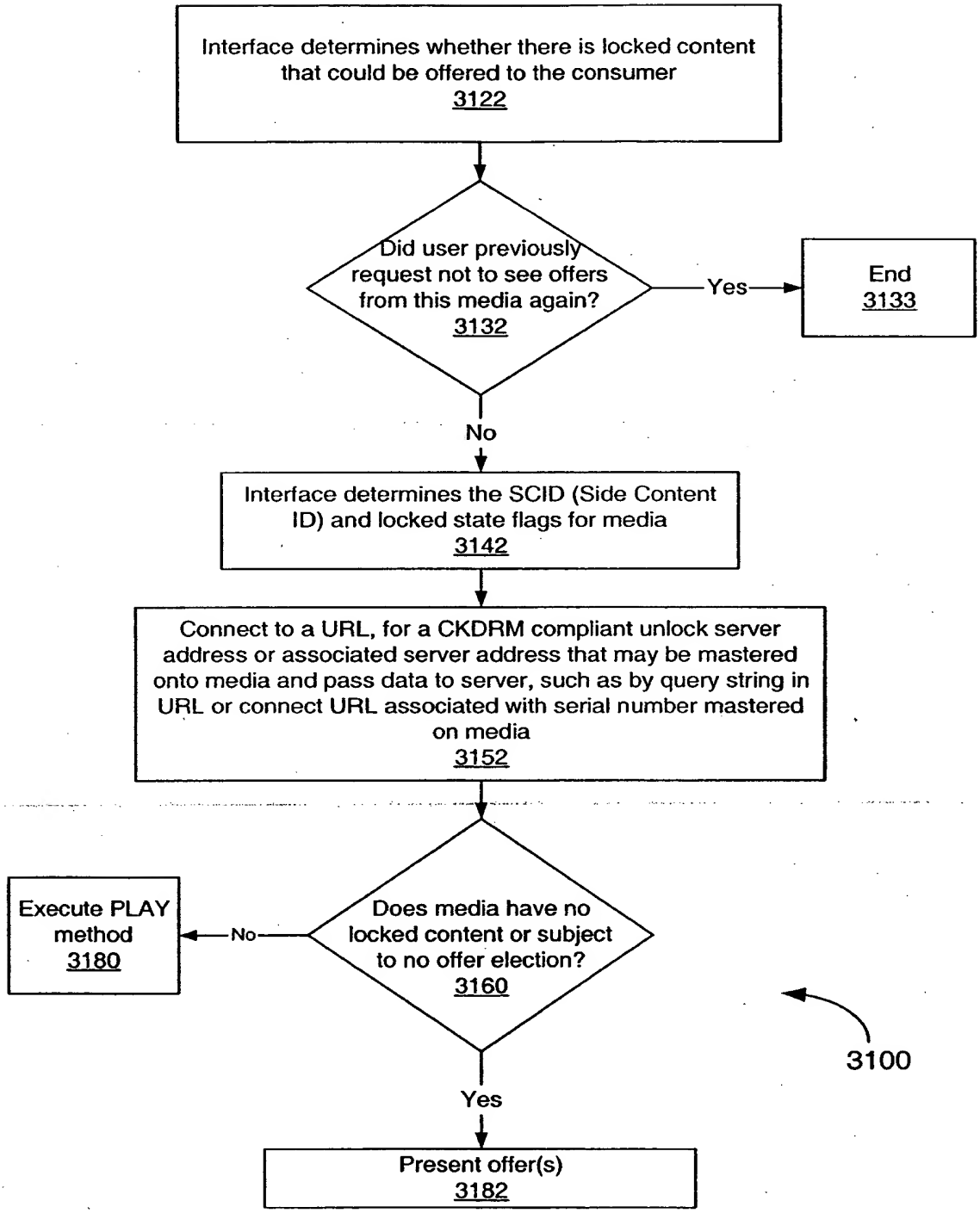


FIG. 31B

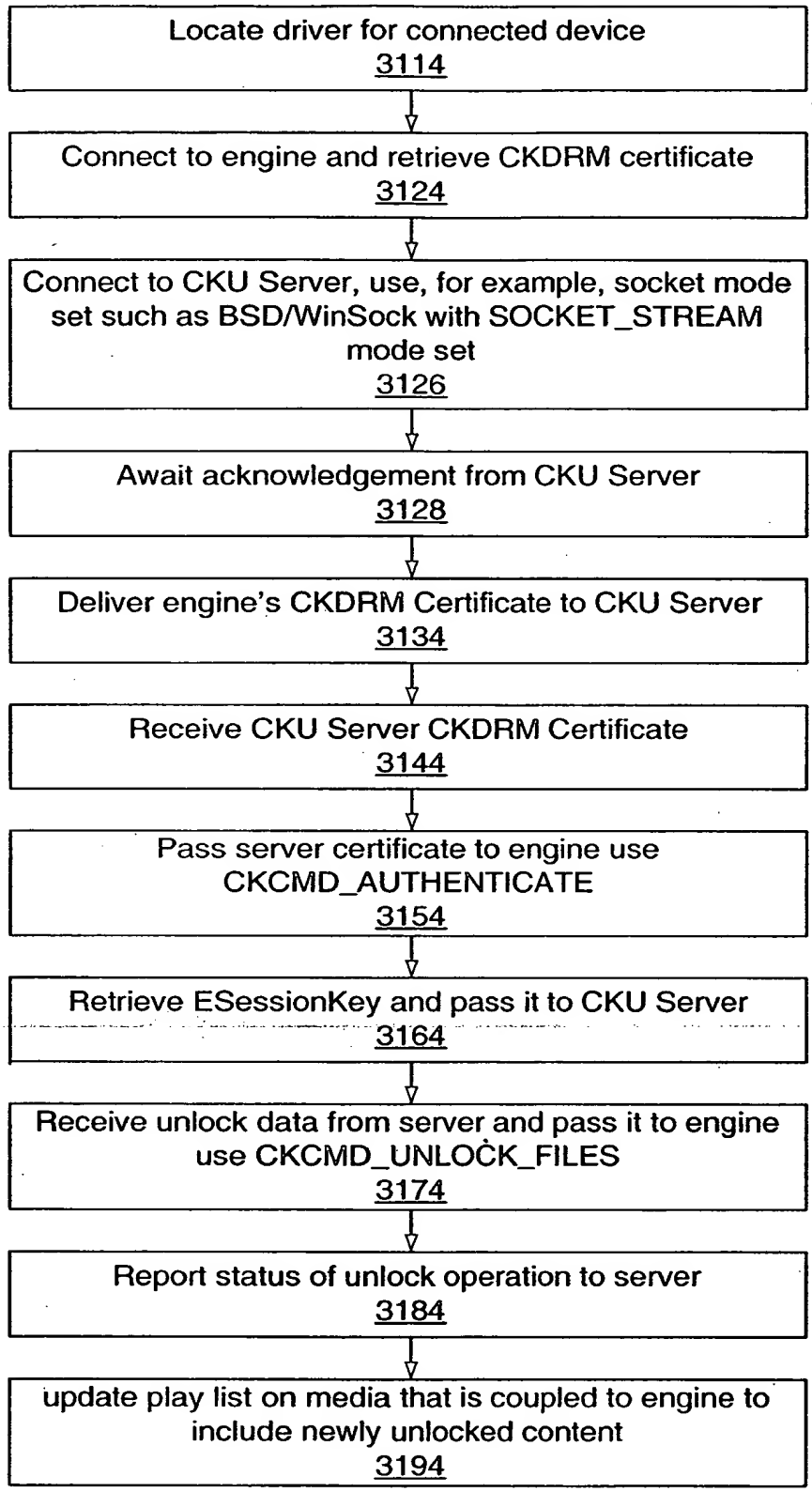


FIG. 31C

Express Mail Label No. EV 339 909 501 US

T07280" 96866660

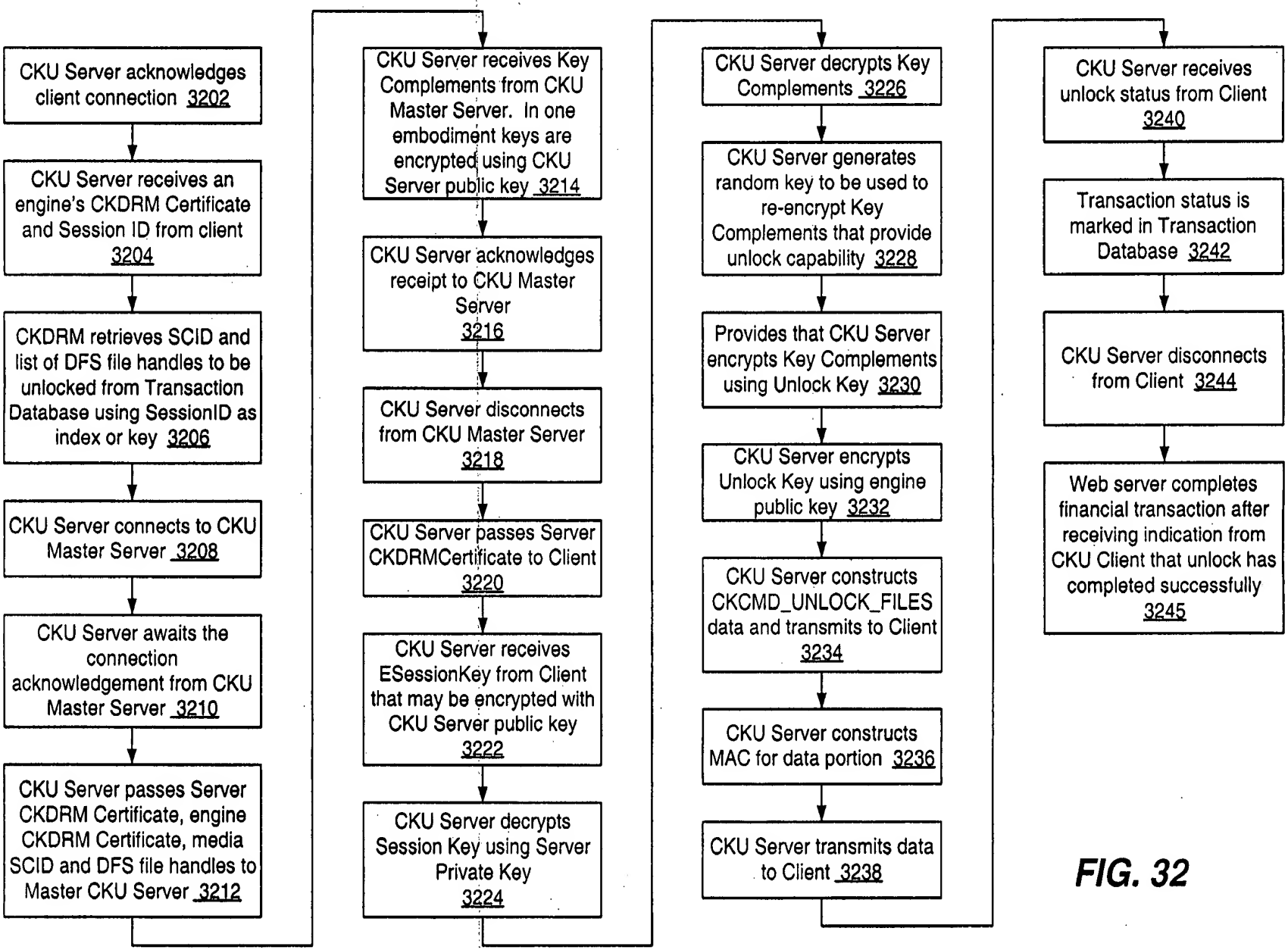


FIG. 32

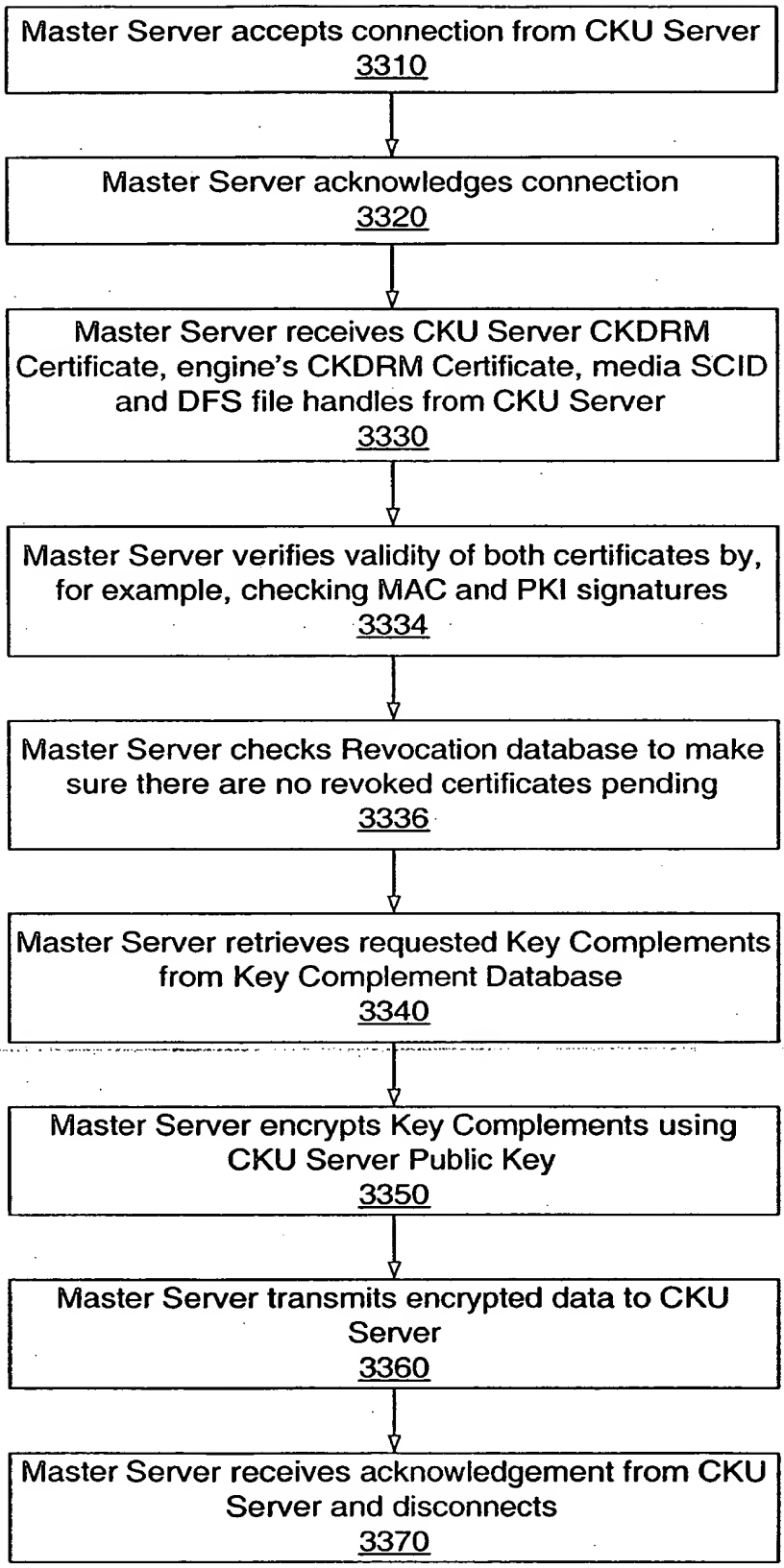


FIG. 33

Express Mail No. EV 339 950 705

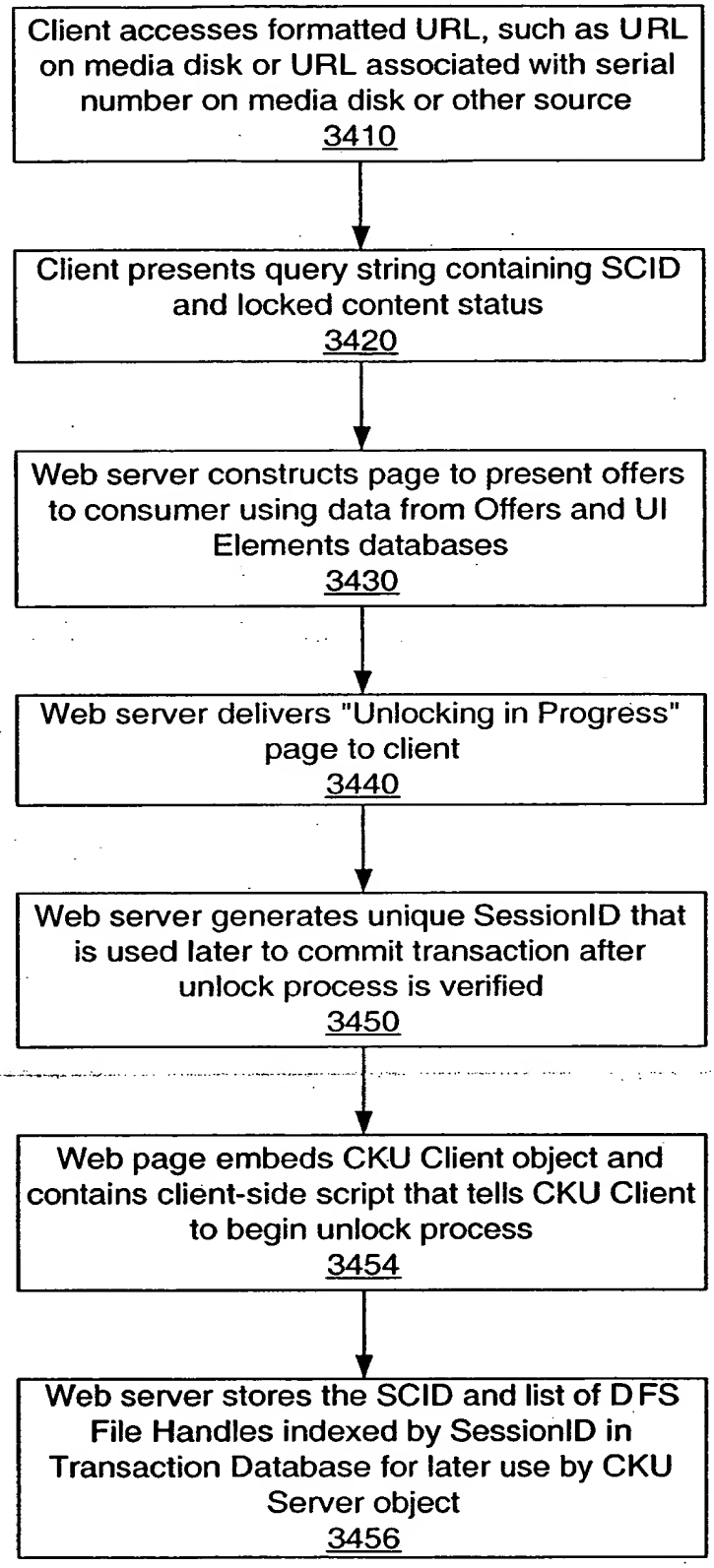


FIG. 34

05949856.082702

T07280"9686660

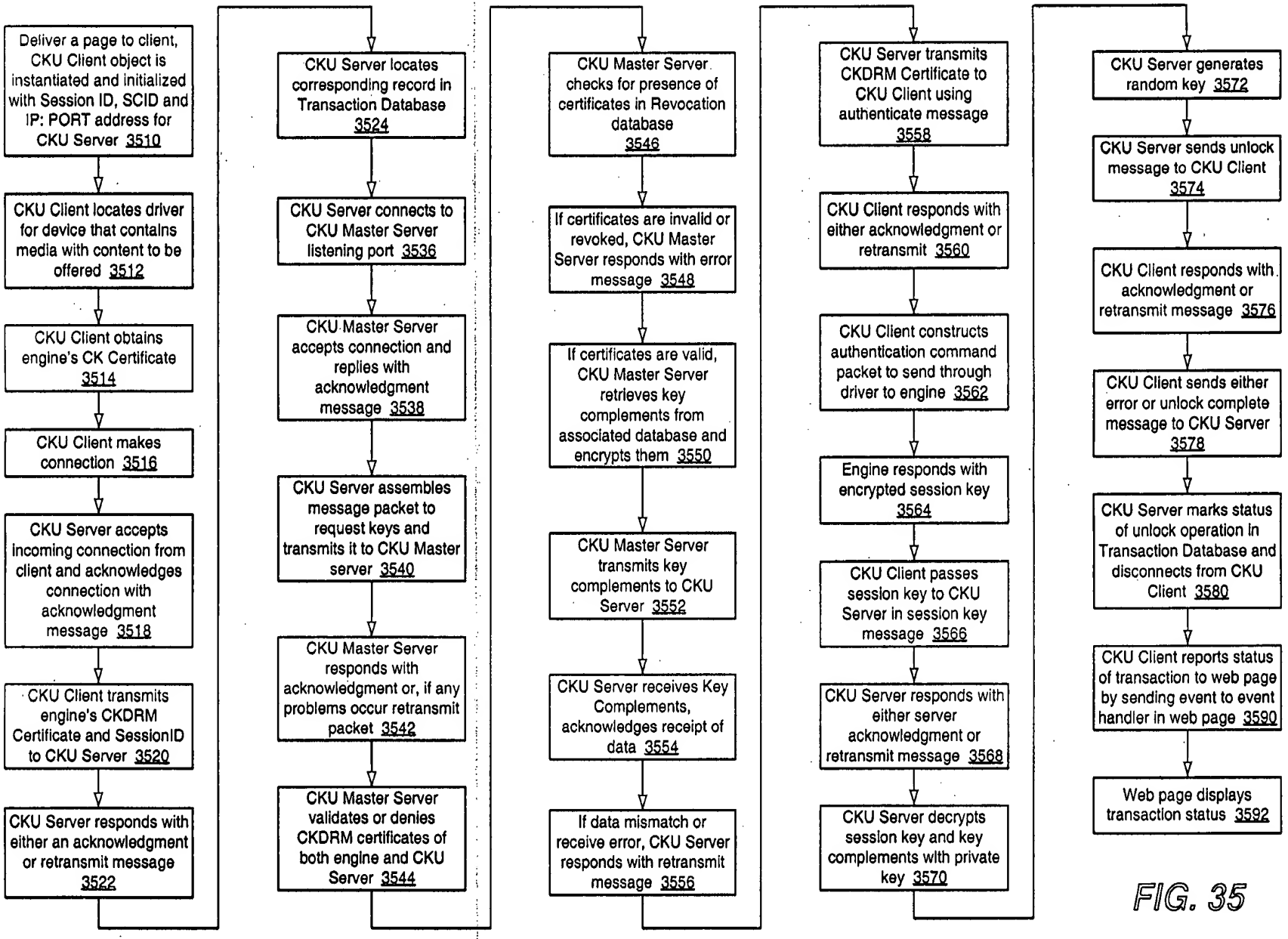


FIG. 35

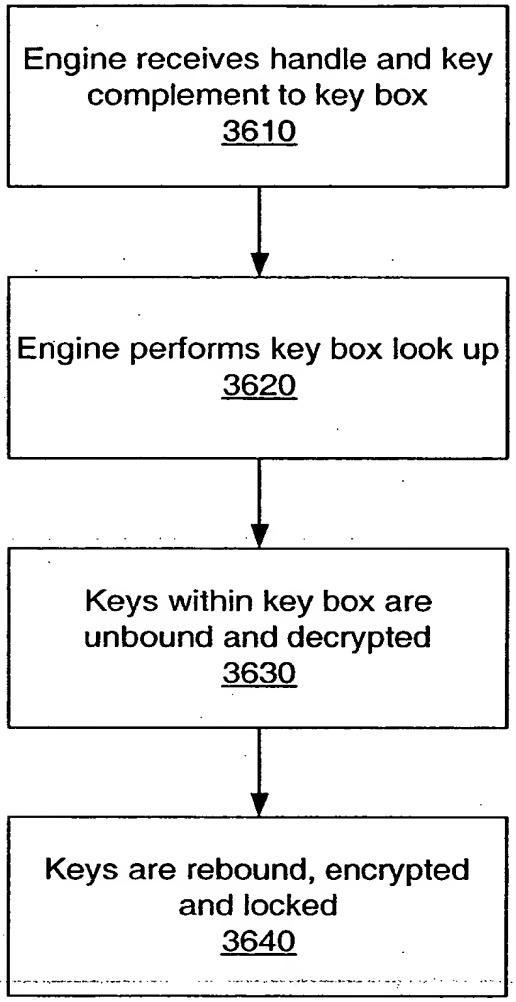


FIG. 36

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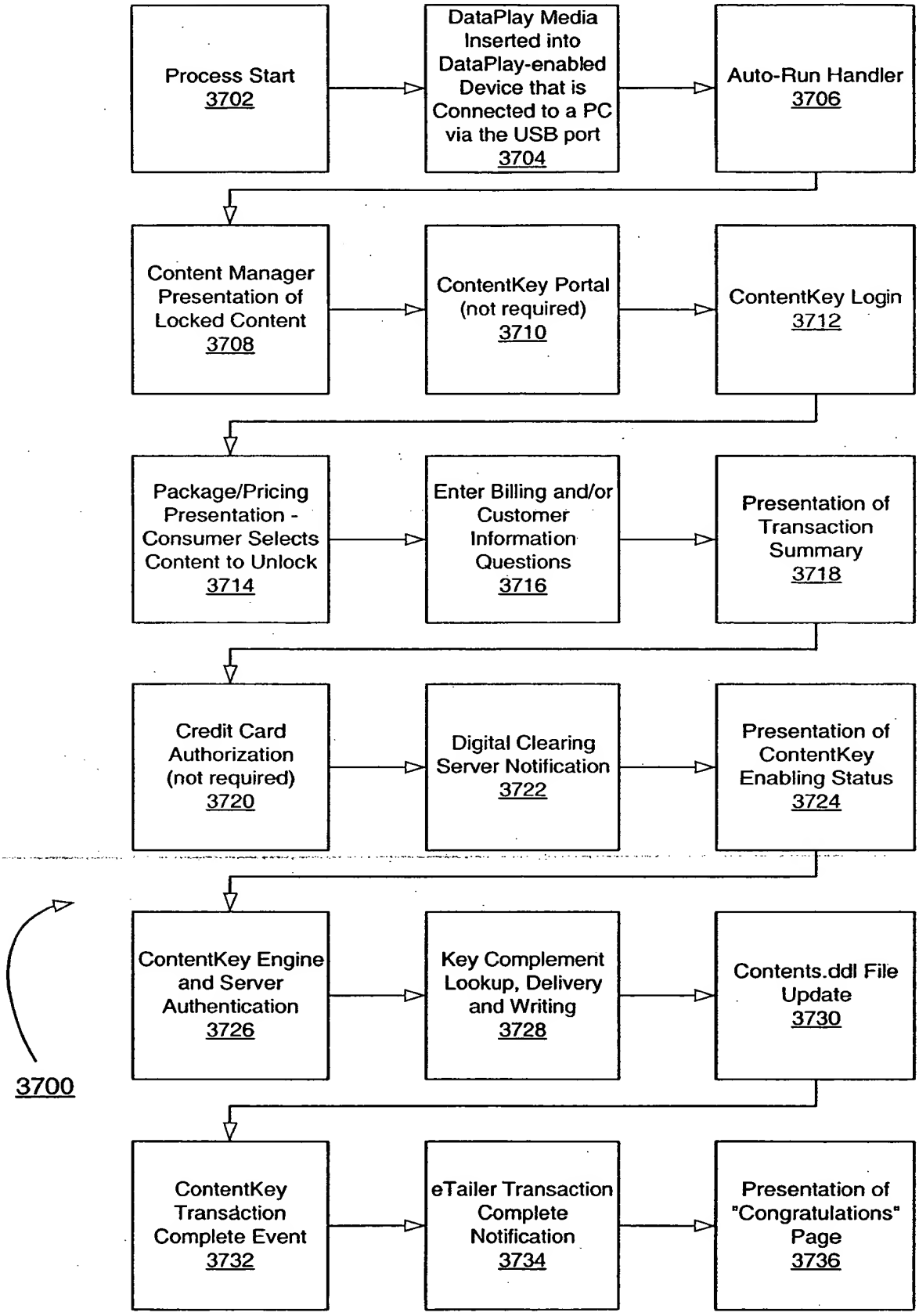

FIG. 37

6,959,384

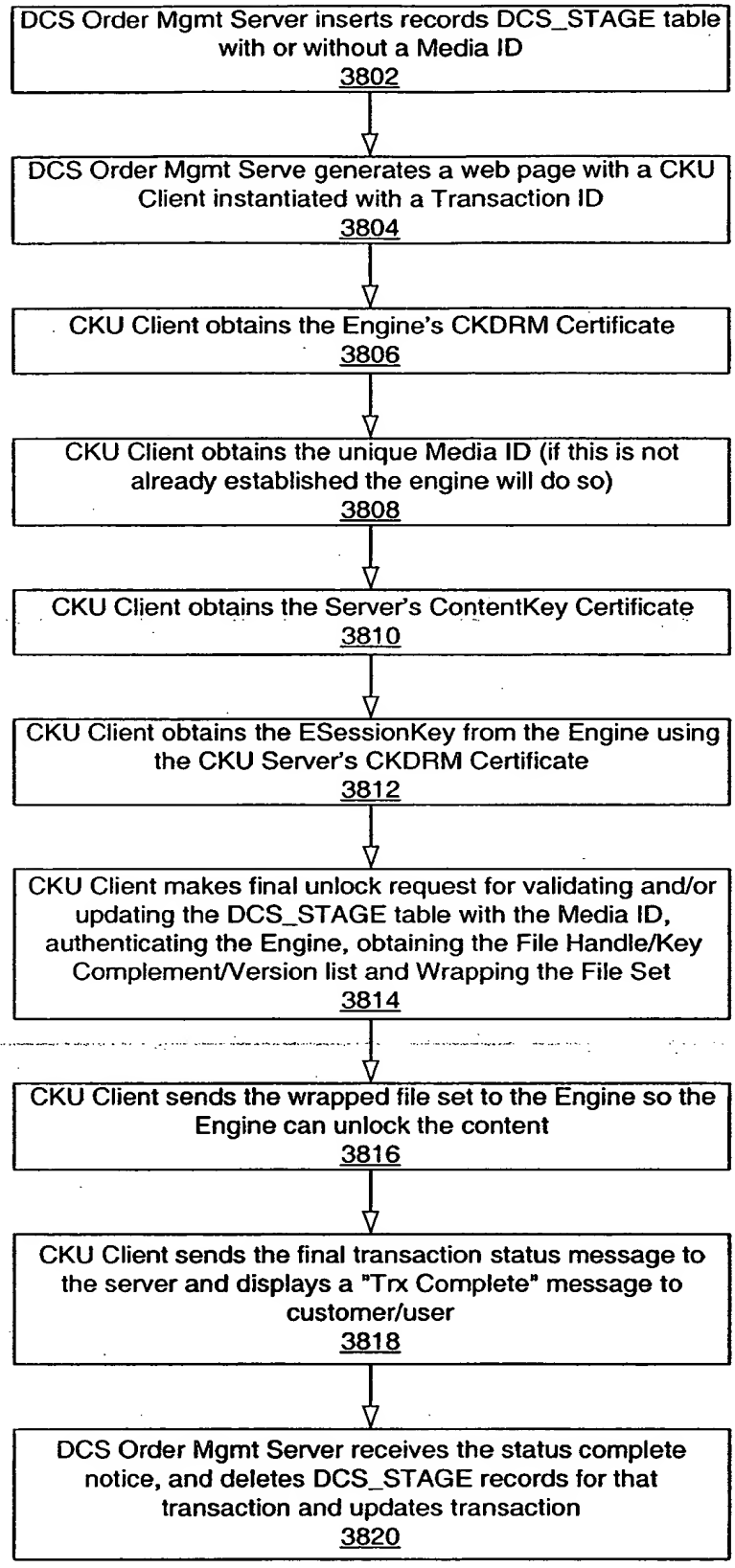

FIG. 38

05038806-082704

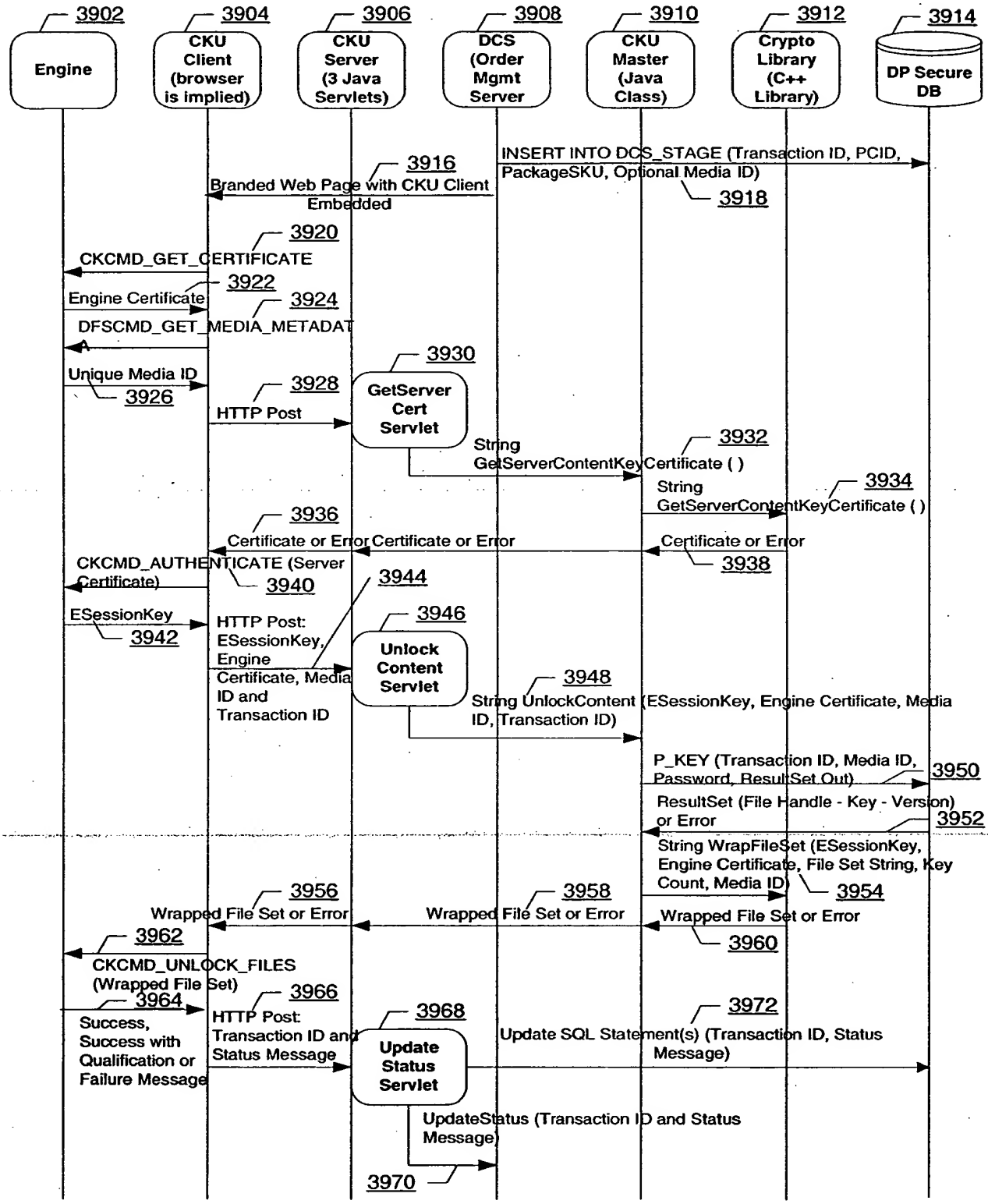

FIG. 39

05/30/06, EAST Version: 2.0.3.0

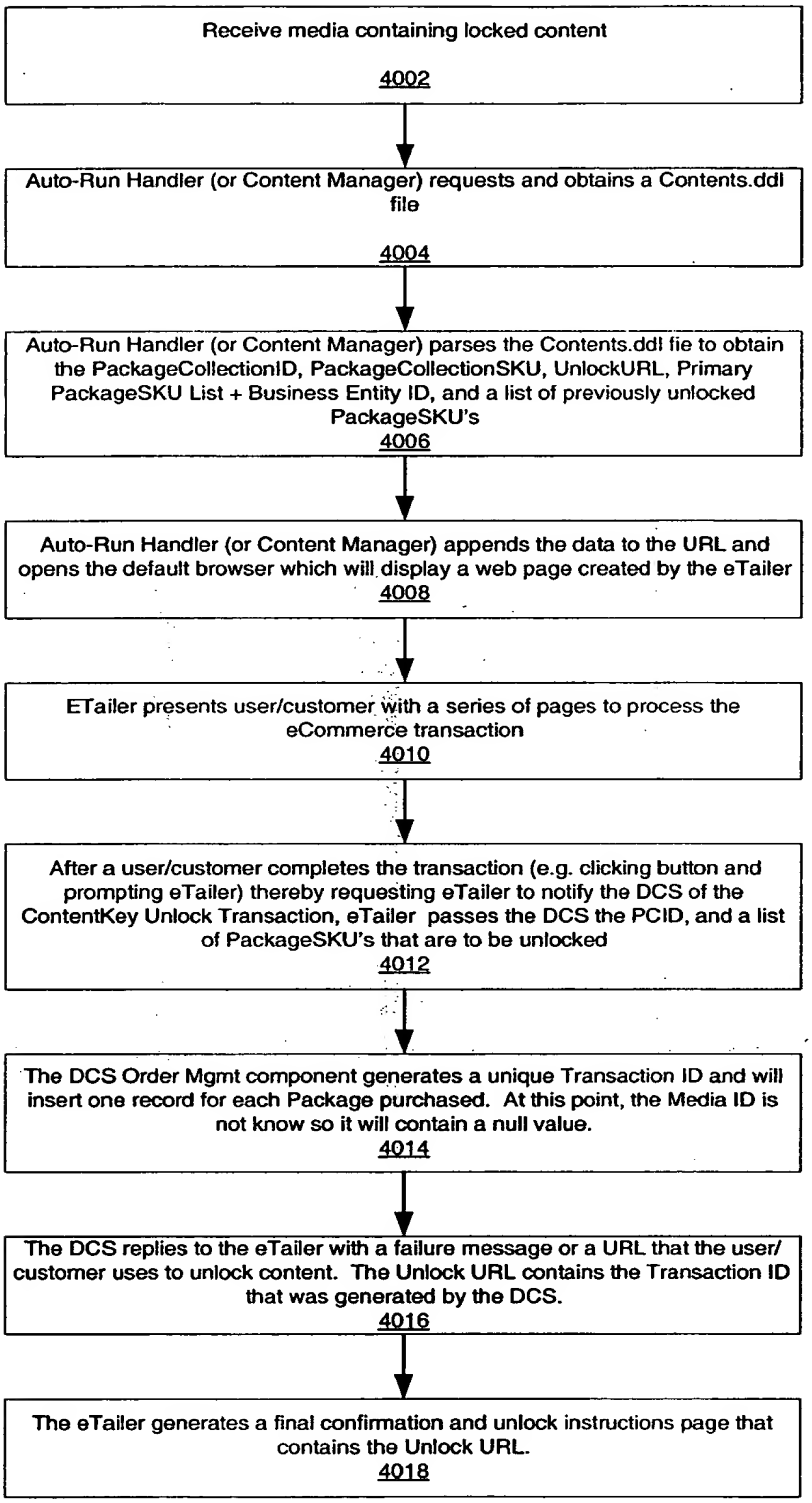

FIG. 40

05050506.082701

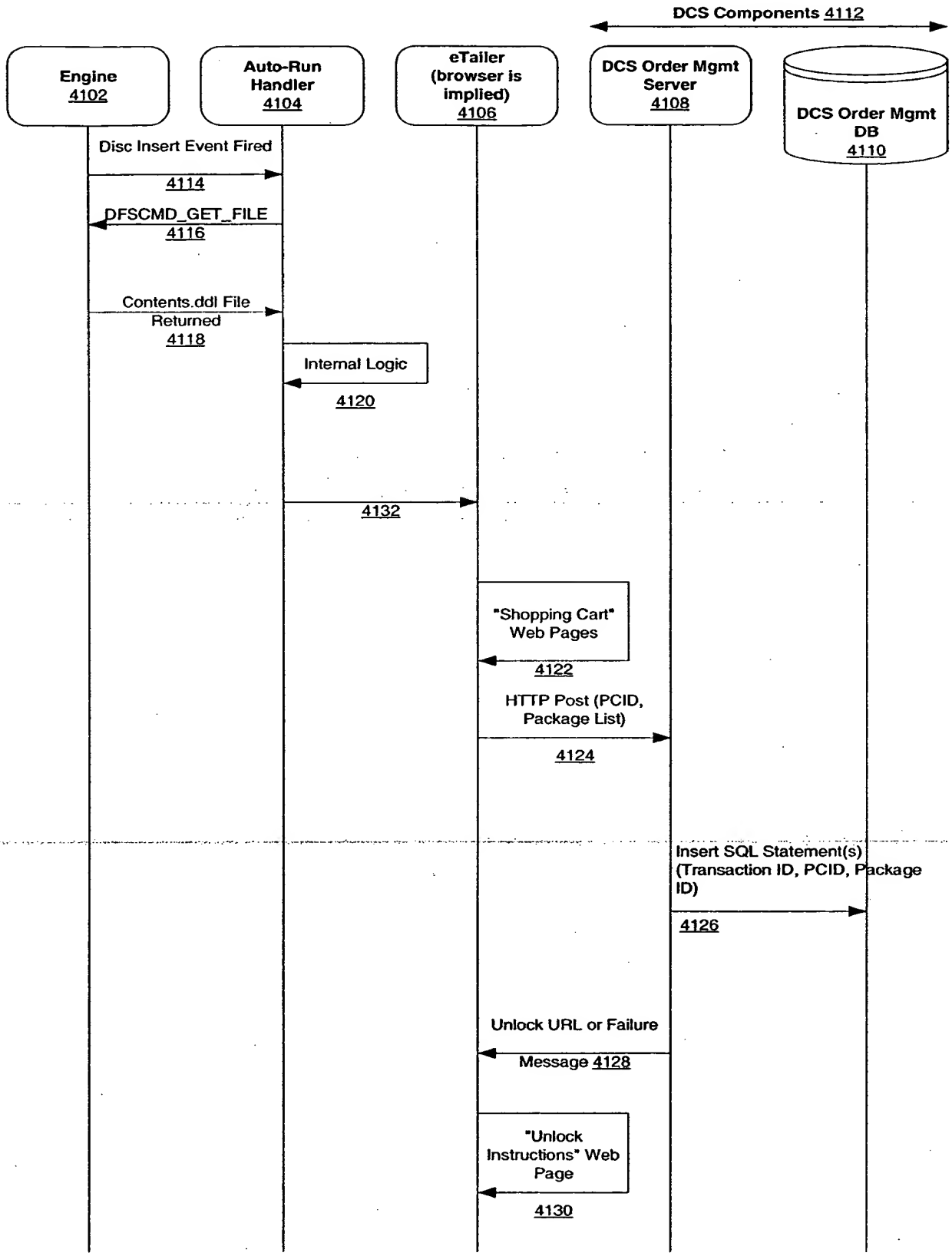

FIG. 41

09396856.082704